

Using *opo*: Glass, Pleasssss!

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1 Final Product Overview

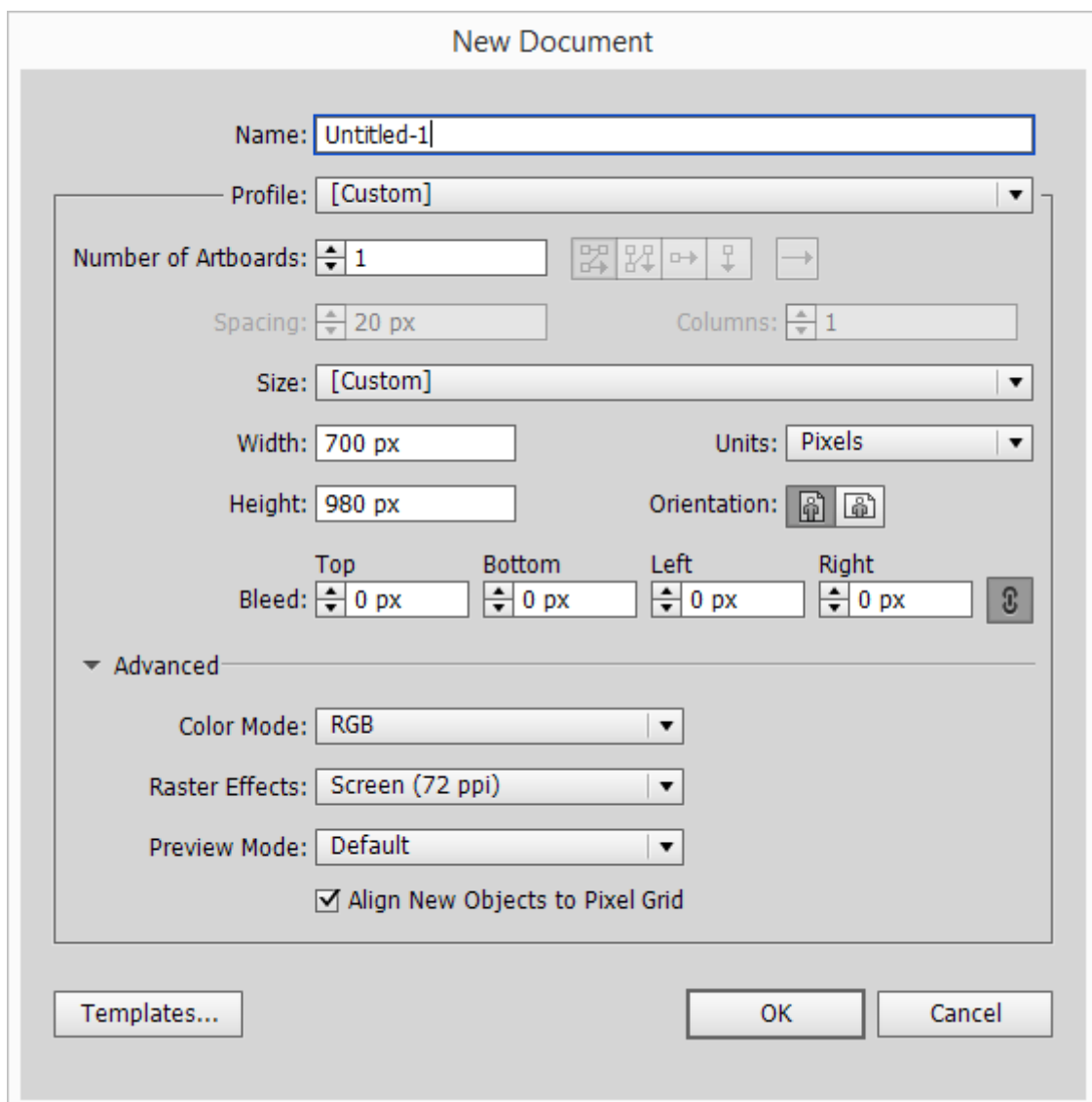


2 Software

- a) Adobe® Illustrator® CS6 or CC:
<http://www.adobe.com/products/illustrator.html?promoid=KAUCB>
- b) *opo* (an Adobe® Illustrator® Plug-In), 1.3.6 or later:
<http://63mutants.com/subc/products/try.php>

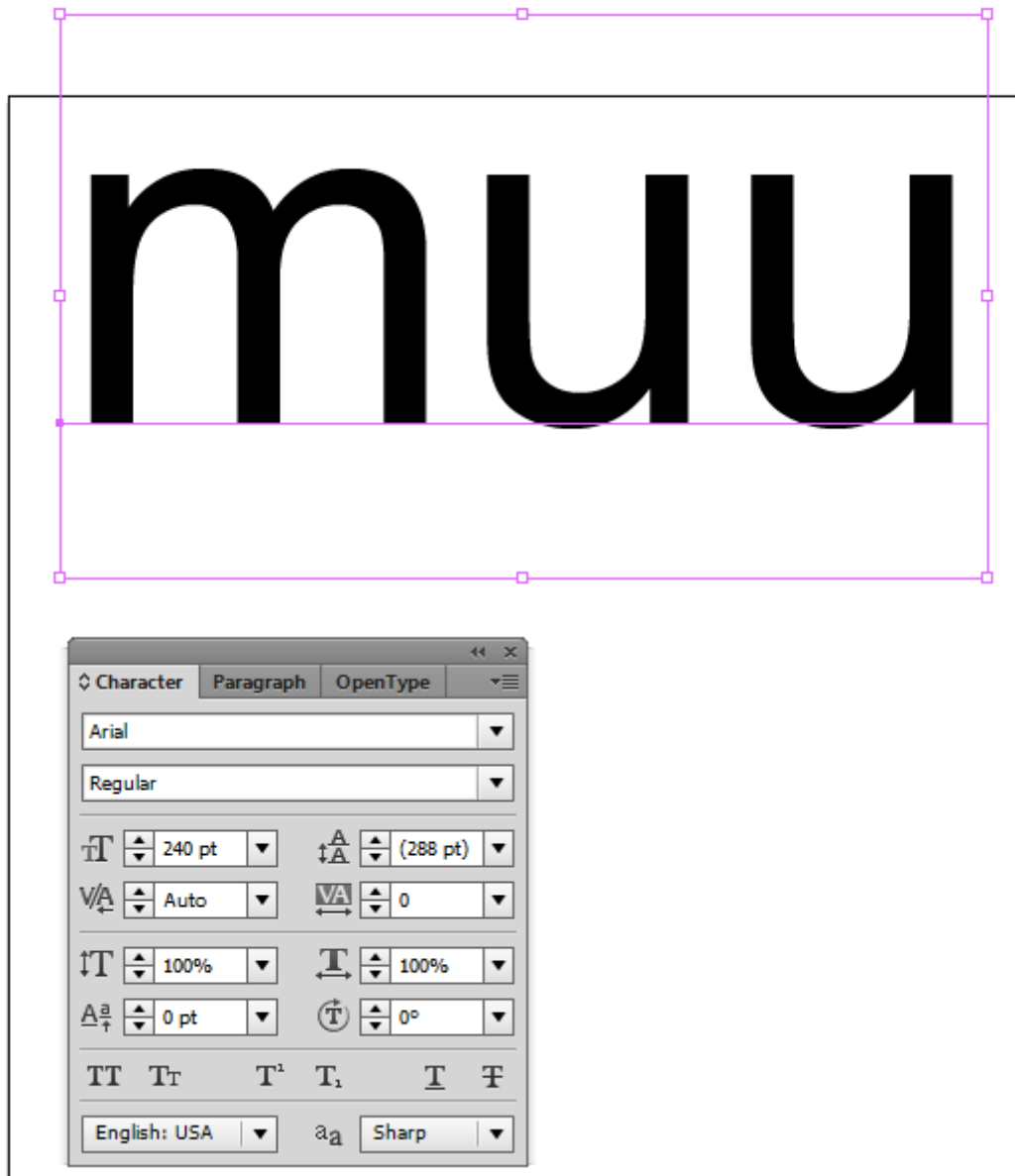
3 New Document

Launch Adobe® Illustrator® and start with the new document, let's say 700 x 980 px, units: Pixels, RGB color model, 72ppi:



4 Letters

Create a new layer, for example *muutxt*. Make sure that *muutxt* is your current layer, go to *Type Tool*, type 'muu' and change its font to *Arial Regular*, about 240pt size:



5 Convert Letters into art objects collection

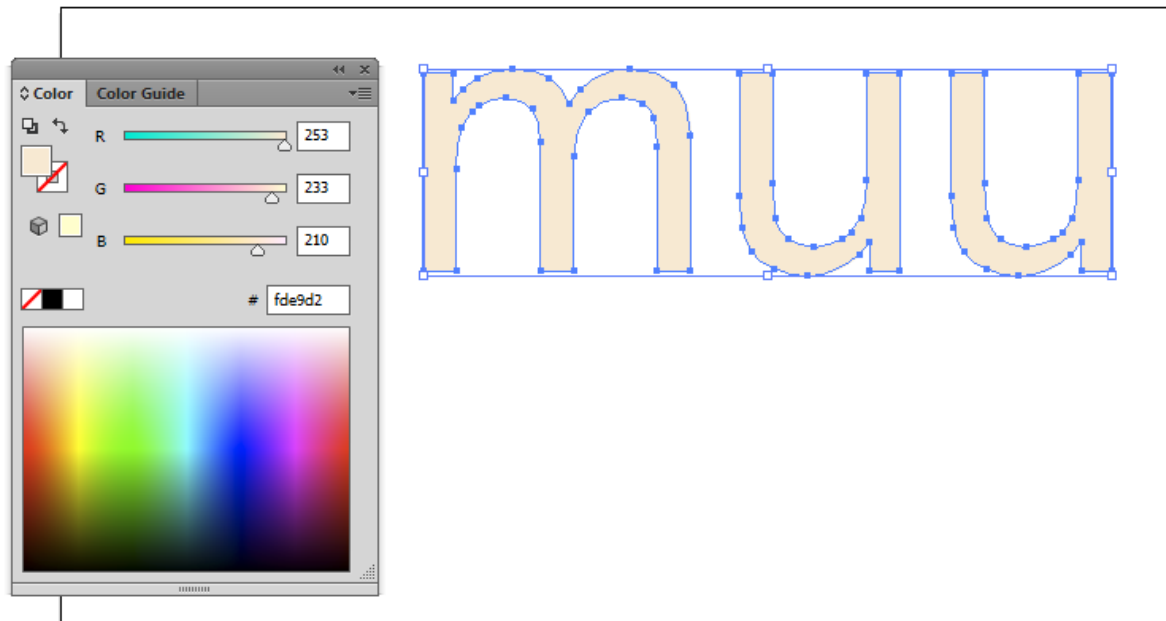
Now we will divide the text object into multiple objects that make up its appearance.

[select the text] > Object > Expand... (expand Object, Fill)

[select the text] > Object > Ungroup

6 The Front Art color appearance

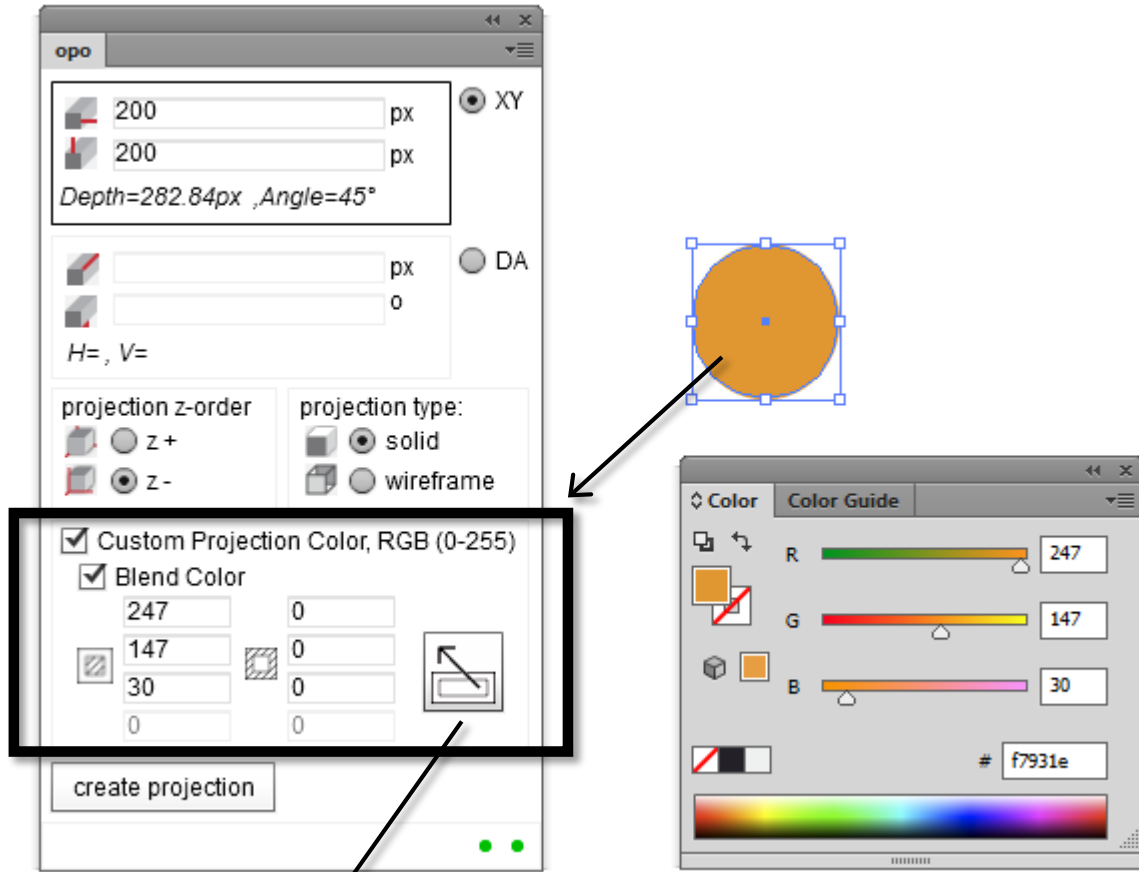
Set the letters fill color to RGB 253, 233, 210 and stroke to *None*:



7 The Projection

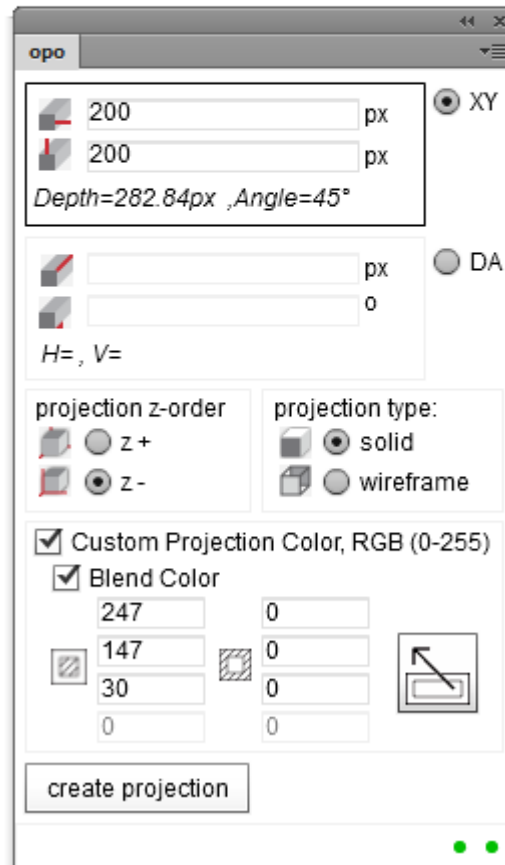
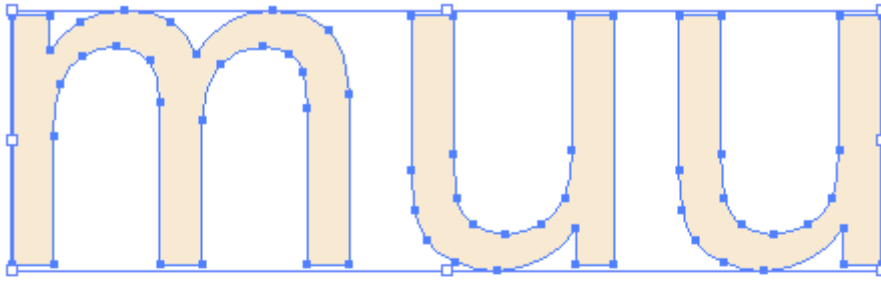
Go to *opo*¹ panel > choose *XY Transformation* > type 200 for X, and 200 for Y > check *Custom Projection Color + Blend Color* option and set the fill color to RGB 247, 147, 30 and the stroke to 0, 0, 0 (black), either by creating a new, temporary art object with the correct color settings and copying its appearance (*Copy Color Properties* button) or specifying it directly by its numerical values:

¹*opo* (an Adobe® Illustrator® Plug-In) available at <http://63mutants.com/subc/products/try.php>

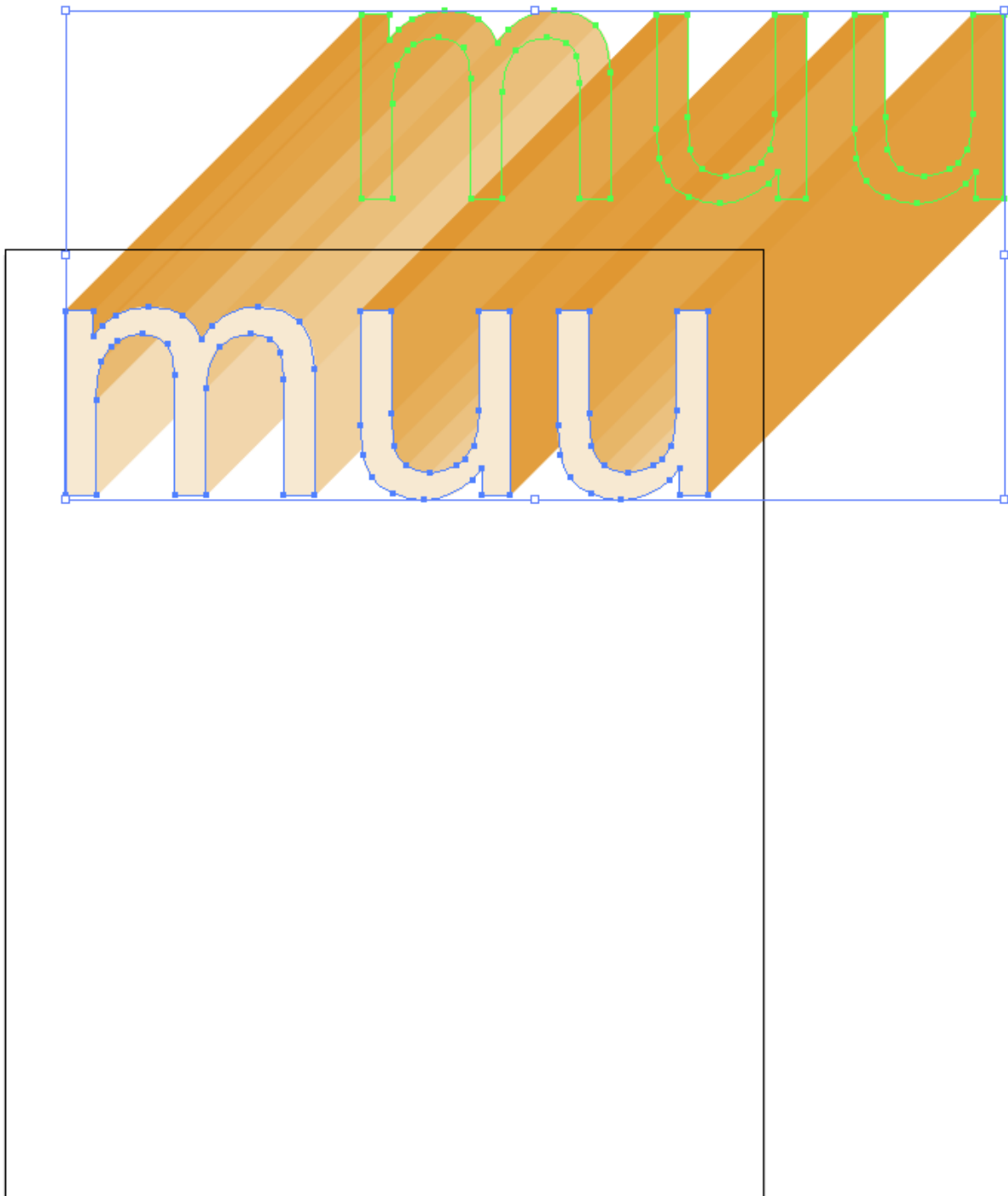


Copy Color Properties button

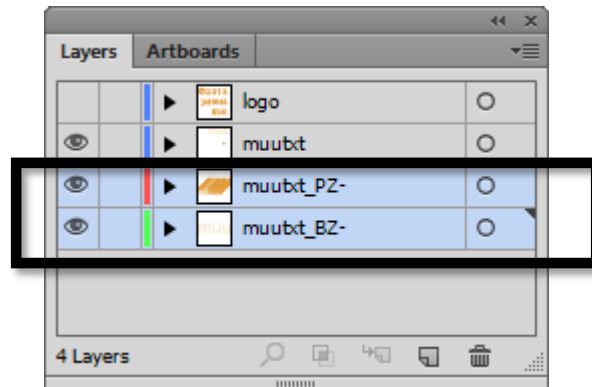
Select all 3 letters (*muutxt*) > go to *opo panel* > and hit *create projection* button:



This gives you:

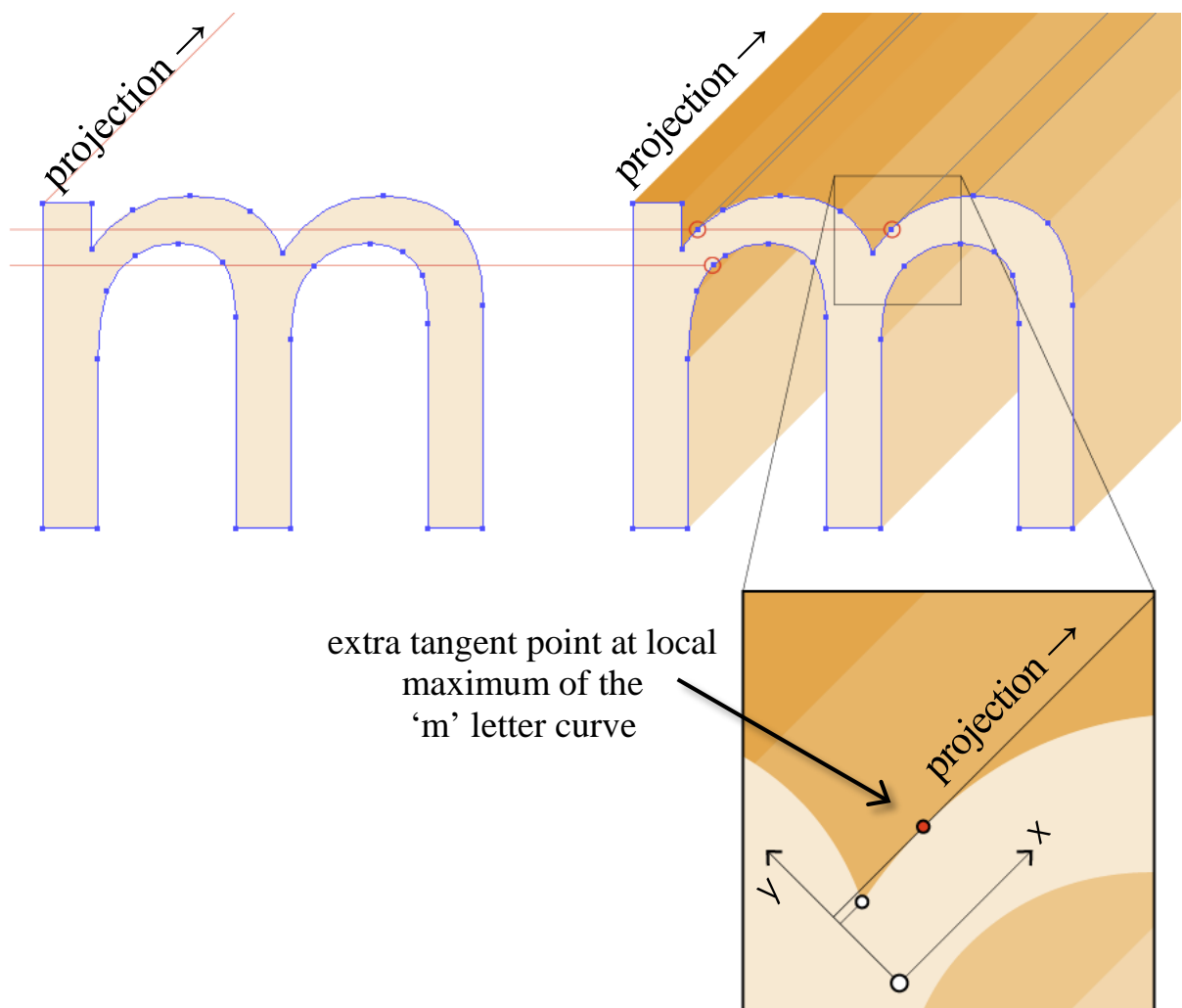


opo automatically creates two additional layers: one for the projection objects (*muutxt_PZ-*) and another for the back side objects (*muutxt_BZ-*):



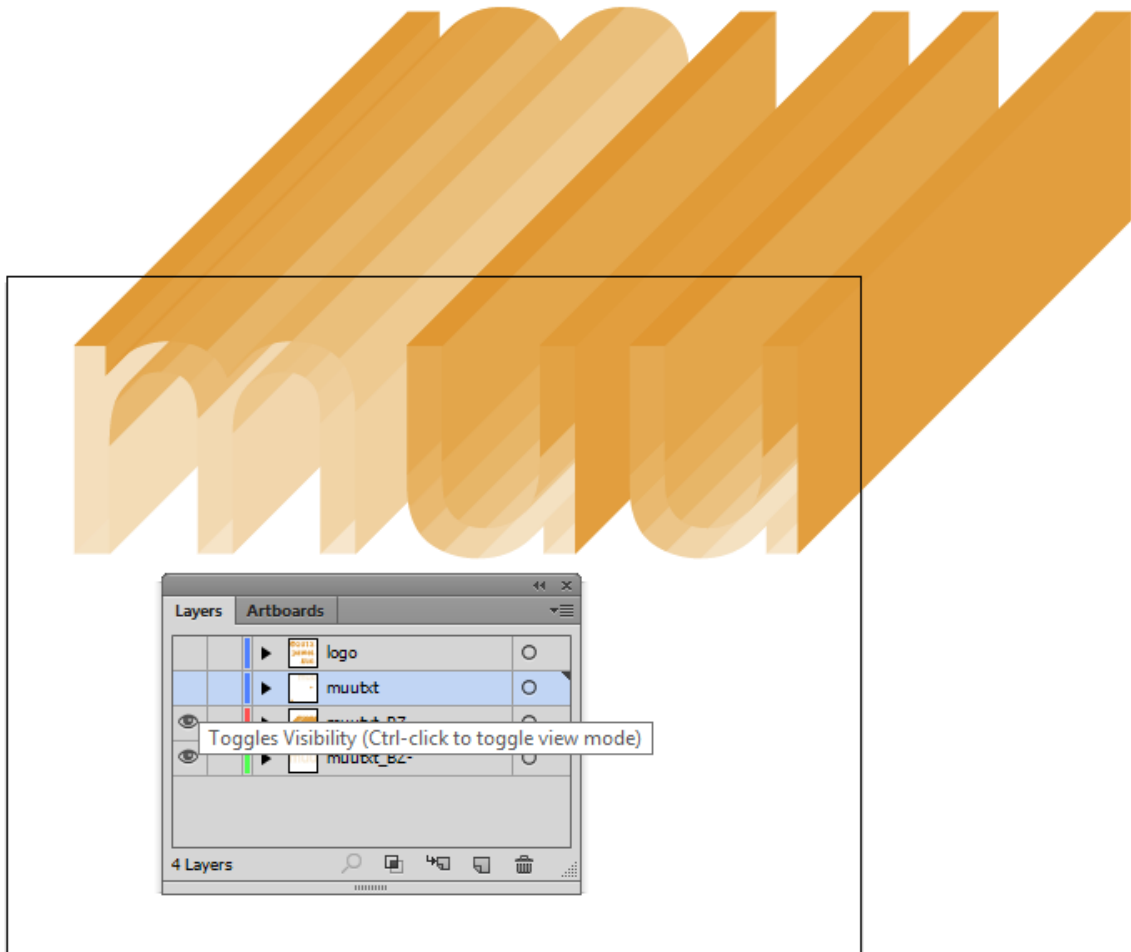
8 Extra Tangent Points

Note that *opo* automatically calculates and creates **extra tangent points** (i.e. points at which the projection line “just touches” the curve) if necessary. This way the new projection structure perfectly matches the front art path! No gaps and no approximations - the new point perfectly fits the curve at its local maximum. Take a closer look at the new ‘m’ letter stroke – 3 extra points have been added to the original path:



9 Glass, please!

We don't need the front art anymore. We turn its visibility off and... the glass effect appears!



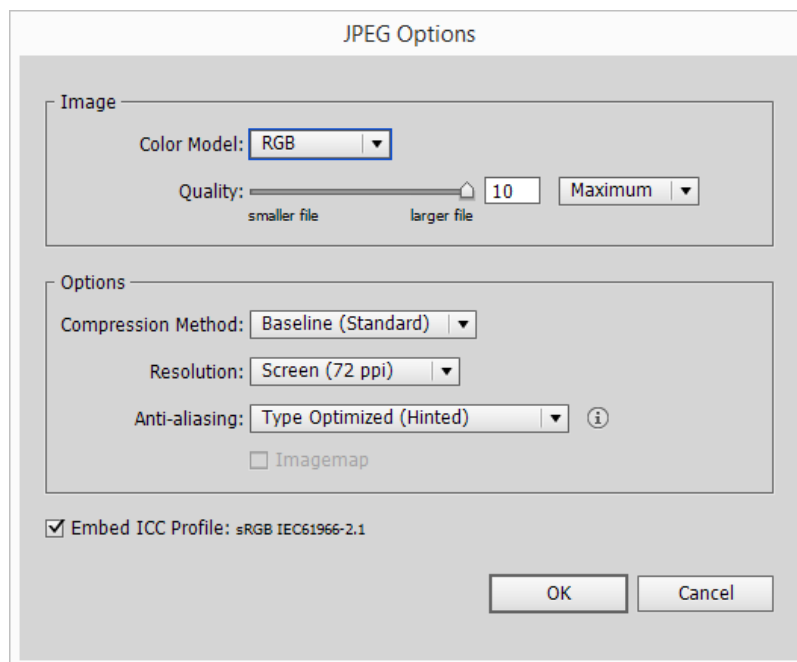
10 Final Touch

Go to *Layers Panel* > add layer (name: *bkgnd*). Put it at the very bottom of the *Layers Tree*. Make sure *bkgnd* is active > go to *File* > *Place...* > and select your background image. For example:

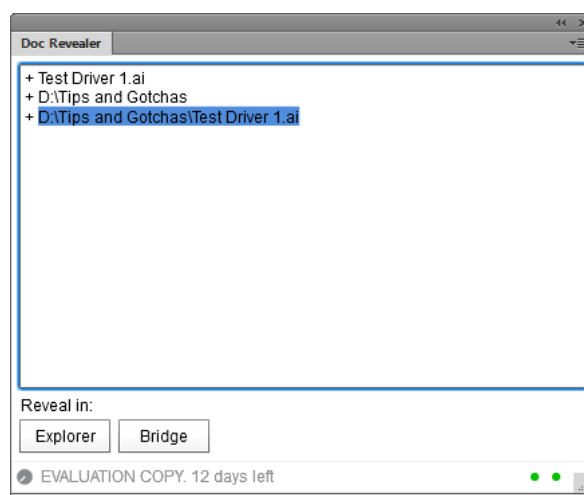


11 Save your work

That's it! Go to File > Export > JPG (Use Artboards):



*Note: Instead of digging through your hard drive searching for the file you have just saved (or file you have opened via *Open Recent Files* menu command) use *Doc Revealer*² tool to quickly locate your document in Finder (mac users), Explorer (win users) or Adobe® Bridge®.



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²*Doc Revealer* (an Adobe® Illustrator® Plug-In) available at:
http://63mutants.com/subc/products/docRevealer_m01/docRevealer_m01.php