



CIRCULAR FLAME WALK THROUGH

FRI DEC 12, 2014, 3:04 PM

Doing this tutorial: **Circular Flame** just my xaos tricks really

STEP 1: MAKING A PATTERN

First, i used 2 sinusoidals to create alternating squares. Both have color speed set to -1 so they are solid color. I used post_transforms to position them.

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STEP 2: LETS MAKE IT REPEATABLE

</flame>

With 2 linears, we can make it repeat endlessly.
Since our base pattern is 2 units wide, we add 2 linears, one shifted 2 units right and 1 shifted 2 units left.
Set both color speeds to 1 so they do not change colors of the pattern.
Also, take a look at the xaos: both sinusoidals have xaos set to 0 to themselves. This helps to make the pattern clearer and easier to render later on.
If you draw your xaos connections between transforms, you will see that this removes some extra loops

Details

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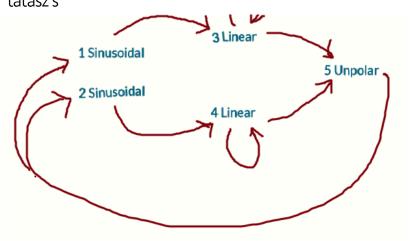
STEP 3: ADDING UNPOLAR

I set all opacities to 0. Then, added a new xform, and replaced the linear on it with unpolar. Also, you need to set its color speed to 1 also, so it once more doesnt messes up the colors of the initial pattern.

For the unpolar xform - xform 5 - set the xaos to sinusoidals (xforms 1 and 2) to 1 and everything else, including itself, to 0.

Now, go back to xforms 3 and 4. For each, set xaos to itself and to xform 5 (unpolar) to 1, and everything else to 0.





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STEP 4: SCALING UNPOLAR

Still it looks like poo because we didnt scale unpolar correctly. So we just follow step 2.2 of the tutorial, scaling both the transform and the post transform:

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STEP 5: GLYNNSIM3

Since i'm lazy, i just added a linked transform to unpolar (xform 5). On xform 6, the linked one, i replaced linear with Glynnsim3. Then, i set its xaos to itself to 1. Back to xform 5, set its opacity to 1.

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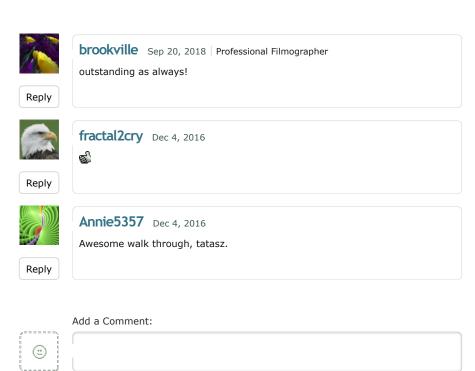
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STEP 6: TWEAK TWEAK TWEAK Change glynnsim3 variables and move and scale and rotate <flame name="Apo7X-141212-1" version="Apophysis 7x Version 15C.9" size="525" 628" center="-0.396190476190476 -0.700952380952381" scale="131.25" oversample="1" filter="0.2" quality="1" background="0 0 0" brightness="4" gamma="4" gamma_threshold="0.01" estimator_radius="9" estimator_minimum="0" estimator_curve="0.4" enable_de="0" plugins="" new_linear="1" curves="0 0 1 0 0 1 1 1 1 1 1 1 0 0 1 0 0 1 1 1 1 1 1 1 0 0 1 0 0 1 1 1 1 1 1 1 0 0 1 0 0 1 1 1 1 1 1 1 " > <xform weight="0.5" color="0" symmetry="-1" sinusoidal="0.5" pre_blur="1"</p> coefs="1 0 0 1 0 0" post="1 0 0 1 -0.5 0" chaos="0 0 1 1 1 0 " opacity="0" /> <xform weight="0.5" color="0.815" symmetry="-1" sinusoidal="0.5"</pre> pre_blur="1" coefs="1 0 0 1 0 0" post="1 0 0 1 0.5 0" chaos="0 0 1 1 1 0 " <xform weight="0.5" color="0" symmetry="1" linear="1" coefs="1 0 0 1 2 0"
chaos="0 0 1 0 1 0 " opacity="0" /> <xform weight="0.5" color="0" symmetry="1" linear="1" coefs="1 0 0 1 -2 0"</pre> chaos="0 0 0 1 1 0 " opacity="0" /> <xform weight="0.5" color="0" symmetry="1" unpolar="1" coefs="0.174533 0 0</pre> 0.174533 0 0" post="6.28308 0 0 6.28308 0 0" chaos="0 0 0 0 0 " opacity="1" /> <xform weight="4" color="0" symmetry="1" GlynnSim3="1" coefs="0.796983</pre> 2.104119 -2.104119 0.796983 -1.297701 -0.831034" GlynnSim3 radius="1" GlynnSim3_thickness="0.1" GlynnSim3_thickness2="0" GlynnSim3_contrast="0.8" GlynnSim3_pow="0" chaos="1 1 0 0 0 " opacity="1" /> <palette count="256" format="RGB"> F5D5AEC59D9E8379784B526F2A3E610F386E1C4579204879 324F7546739455839A667B8F6C74815C5567513544402A41 2514361211310F0E300D0E2C0D10310C0E3513113613173C 191D42132458142E6B143071082664131F5B0D0F3F0C0C32 0D092A180B2530092457131E8B2F32BD4930C4603ED7774F B7AE8DB9B592B5B49F98A0A3758B9668848F66819252859A 52849D4C7E975B72844E6078414C6A2D31561F25491B1B41 151436222141343A5E354E6D4E6285668EA77B9CA195A9C4 A8BBB5C5CFC4E3D7B1FADEAFFFDDACF7E8A7FFFCB7FFFECF FEFDE8FDFCDEC9E3D693C5C476B1B5558DA455889D5A8AA0 6787927B8489A67C6EB4655EA43E3C781B4A4C1E2B391328 2508241A112C2822442524463135585246505B4750574249 322E4F2F2E4D24294F2A3960253B6A44546E6B82908AA6A7 A9D4CBC1DDD1C6DED1C9DDD1C7D9CBBCDCCFA9C2BC95ADC5 5C8CA23061892B4170303B5B2E3150392B4C583B4F603D41 6545505E4E4F603F4A45283C441E33592031984227B0593E E3844AF7C772ECD39AE6D5A1D3CC9ECAC395CFCAACD6CFA5 D9C69BE0AAA8C993A39A5D6C6E4A56472B371E10270E082A 0809280C0829130C2B1D0D285729347F41429C513AC85E2E DD7B4AE59771EFA075E2A392CAAD9DC5C4A8BAD1C9BCD8CC BFD6CCC5D1C3E5E4C5E1E0B4ECDDA4F6BF7FFC825BD44E43 B4483EA933279F34248F2529943229863F3B66454C413549 322948262243231D3F231D412B28453936555C515F7D6C7C A29582BBB49AB9CEBFA0B8B882959C59738E4E6076414E6E

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