

Converting Colors

YUV(240.2620, -4.0732, -0.2298)

Have a look what the booklet for
YUV(240.2620, -4.0732, -0.2298)
contains.

YUV(240.2620, -4.0732, -0.2298)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(240.2620, -4.0732,
-0.2298)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F2E8
RGB	240, 242, 232
RGB Percent	94%, 95%, 91%
CMY	0.0588, 0.0510, 0.0902
CMYK	0.01, 0.00, 0.04, 0.05
HSL	72°, 28%, 93%
HSV	72°, 4%, 95%
XYZ	82.2528, 87.8557, 88.9666
YIQ	240.2620, 2.0180, -3.5340

Conversions

Conversions Part 2

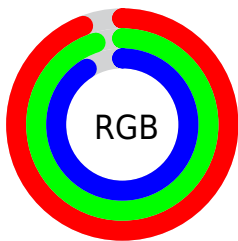
Format	Color
R _Y B	232, 242, 234
Decimal	15790824
CIE Lab	95.10, -2.40, 4.58
CIE LCh	95, 5.169, 117.717
Yxy	87.8557, 0.3175, 0.3391
Android (android.graphics.Color)	4293980904 (0xFFFF0F2E8)
YUV	240.2620, -4.0732, -0.2298
Hunter-Lab	93.7314, -7.3895, 9.3359

Details

The YUV color $240.2620, -4.0732, -0.2298$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $233.7380, 4.0732, 0.2298$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $184.2620, -4.0732, -0.2298$ is the 20% darker color. If you saturate the color by 10%, you get $236.0310, -13.8193, -0.9042$, and if you desaturate by 10%, it is $244.3790, 5.2362, 0.5446$.

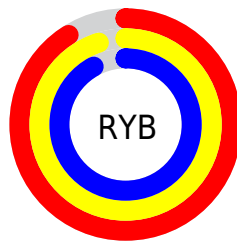
Distribution



Red (94%)

Green (95%)

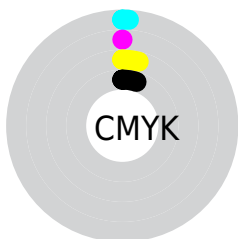
Blue (91%)



Red (91%)

Yellow (95%)

Blue (92%)

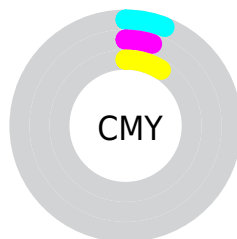


Cyan (1%)

Magenta (0%)

Yellow (4%)

Black (5%)



Cyan (6%)

Magenta (5%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.2620, -4.0732, -0.2298 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 240.2620, -4.0732, -0.2298 by changing the saturation by 10% instead.

240.2620, -4.0732,
-0.2298

240.2620, -4.0732,
-0.2298

255.0000, 0.0000,
0.0000

212.2620, -4.0732,
-0.2298

184.2620, -4.0732,
-0.2298

157.3760, -3.6364,
-0.3298

131.3760, -3.6364,
-0.3298

106.3760, -3.6364,
-0.3298

81.7890, -3.3470,
0.1850

58.9030, -2.9102,

0.0851

■ 37.4900, -3.1996,
-0.4297

■ 16.1480, -4.5100,
-0.1298

■ 240.2620, -4.0732,
-0.2298

■ 240.2620, -4.0732,
-0.2298

■ 236.0310,
-13.8193, -0.9042

■ 244.3790, 5.2362,
0.5446

■ 231.8000,
-23.5654, -1.5786

■ 245.8740, 4.4991,
3.6185

■ 227.4550,
-33.7483, -2.1530

■ 247.3690, 3.7621,
6.6924

■ 223.5230,
-43.6418, -2.2127

■ 219.2920,
-53.3880, -2.8871

■ 215.0610,
-63.1341, -3.5615

■ 210.8300,
-72.8802, -4.2359

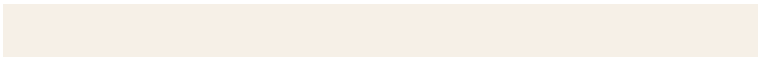
■ 206.4850,
-83.0631, -4.8103

■ 202.2540,
-92.8092, -5.4848

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.7680, -4.8156, 4.5885



240.2620, -4.0732, -0.2298



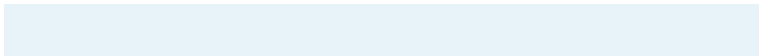
239.3970, -2.1677, -4.7332

Triad

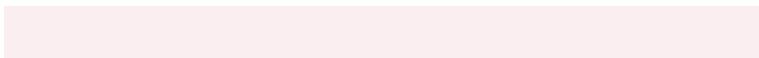
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.2620, -4.0732, -0.2298



240.0960, 4.3897, -7.9772



242.2290, -0.6059, 7.6922

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



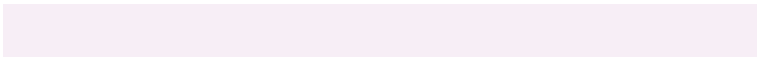
240.2620, -4.0732, -0.2298



233.7380, 4.0732, 0.2298

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.6030, 2.1677, 4.7332



240.2620, -4.0732, -0.2298



240.6450, 5.1050, -4.0737

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



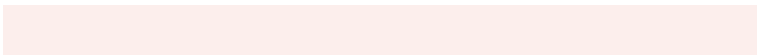
240.2620, -4.0732, -0.2298



239.6290, 2.6479, -9.3216



241.7380, 4.0732, 0.2298



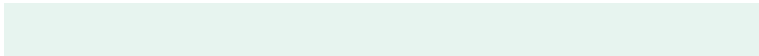
241.9580, -2.9373, 8.8068

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



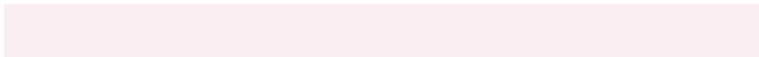
240.2620, -4.0732, -0.2298



239.5430, -0.2677, -7.4922



241.7380, 4.0732, 0.2298



242.1580, 0.4151, 6.8774

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



240.2620, -4.0732, -0.2298



254.3590, -1.1630, -0.3148



236.1640, -2.0529, 5.1182



127.4730, -0.7262, -0.4148



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.2620, -4.0732, -0.2298



252.6210, -5.2362, -0.5446



238.7670, -3.3361, -3.3037



118.6040, -2.7628, -0.5297



151.9610, -74.9168, -4.3508



46.3270, -22.8392, -1.1638

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



233.7380, 4.0732, 0.2298



244.3790, 5.2362, 0.5446



235.2330, 3.3361, 3.3037



114.0970, 2.9102, -0.0851



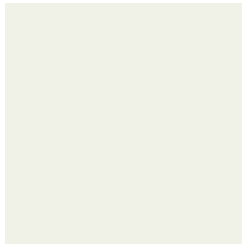
32.0390, 74.9168, 4.3508



9.6730, 22.8392, 1.1638

Previews

White Background



This preview shows how the YUV color 240.2620, -4.0732, -0.2298 looks on a white background.

Color Contrast Check

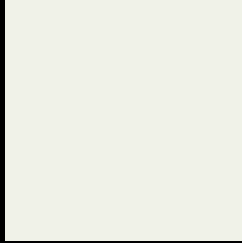
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 240.2620, -4.0732, -0.2298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

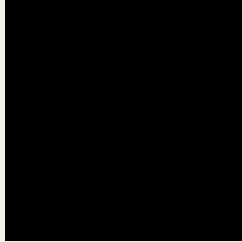
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

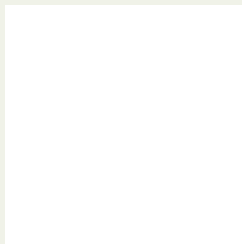
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 240.2620, -4.0732, -0.2298

Background



This preview shows how black text looks on a background with the YUV color 240.2620, -4.0732, -0.2298.



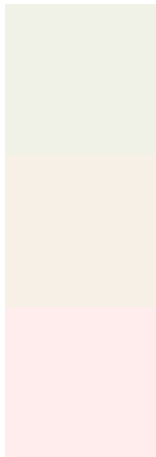
This preview shows how white text looks on a background with the YUV color 240.2620, -4.0732, -0.2298.

-0.2298.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

240.2620, -4.0732, -0.2298

Protanopia

241.0670, -4.9630, 5.2032

Deuteranopia

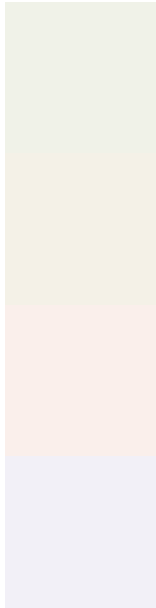
242.3820, -2.6533, 11.0660



Tritanopia

242.0200, 6.3991, 0.8595

Trichromacy



Original Color

240.2620, -4.0732, -0.2298

Protanomaly

240.7570, -4.8102, 2.8441

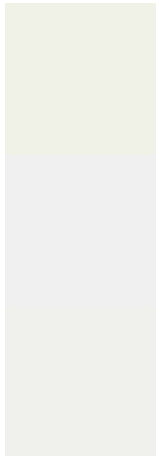
Deuteranomaly

241.8330, -3.3687, 7.1625

Tritanomaly

241.3960, 2.7628, 0.5297

Monochromacy



Original Color

240.2620, -4.0732, -0.2298

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

240.2450, -1.5998, -0.2149

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.2620, -4.0732, -0.2298 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(240, 242, 232)` looks like.

```
.text, #text, p{  
    color:rgb(240, 242, 232)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(240, 242, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 242, 232) }
```

Border

The CSS property to change the border of an element to YUV 240.2620, -4.0732, -0.2298 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 242, 232) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(240, 242, 232) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(240, 242, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 242, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 242, 232);  
box-shadow:4px 4px 4px 4px rgb(240, 242,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 240.2620, -4.0732, -0.2298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 242, 232) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(240,  
242, 232) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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