

Converting Colors

YUV(240.4800, -4.6736, 5.7180)

Have a look what the booklet for
YUV(240.4800, -4.6736, 5.7180)
contains.

YUV(240.4800, -4.6736, 5.7180)	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(240.4800, -4.6736,
5.7180)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EFE7
RGB	247, 239, 231
RGB Percent	97%, 94%, 91%
CMY	0.0314, 0.0627, 0.0941
CMYK	0.00, 0.03, 0.06, 0.03
HSL	30°, 50%, 94%
HSV	30°, 6%, 97%
XYZ	83.6481, 87.2767, 88.0387
YIQ	240.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

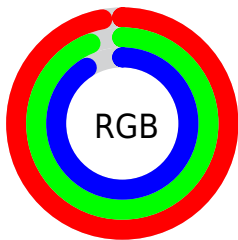
Format	Color
RYB	247, 247, 231
Decimal	16248807
CIELab	94.86, 1.33, 4.81
CIElCh	95, 4.987, 74.542
Yxy	87.2767, 0.3230, 0.3370
Android (android.graphics.Color)	4294438887 (0xFF7EFE7)
YUV	240.4800, -4.6736, 5.7180
Hunter-Lab	93.4220, -3.6634, 9.5219

Details

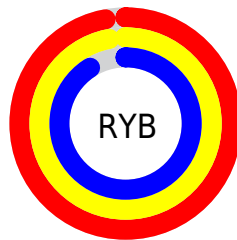
The YUV color $240.4800, -4.6736, 5.7180$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $237.5200, 4.6736, -5.7180$, and the grayscale version is $241.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $184.4800, -4.6736, 5.7180$ is the 20% darker color. If you saturate the color by 10%, you get $230.5860, -12.1209, 14.3951$, and if you desaturate by 10%, it is $250.2600, 2.3368, -2.8590$.

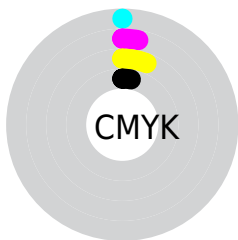
Distribution



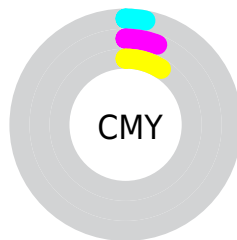
- Red (97%)
- Green (94%)
- Blue (91%)



- Red (97%)
- Yellow (97%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (3%)



- Cyan (3%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.4800, -4.6736, 5.7180 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 240.4800, -4.6736, 5.7180 by changing the saturation by 10% instead.

240.4800, -4.6736,
5.7180

240.4800, -4.6736,
5.7180

255.0000, 0.0000,
0.0000

212.1810, -4.5262,
5.1033

184.4800, -4.6736,
5.7180

157.5940, -4.2368,
5.6181

131.2950, -4.0894,
5.0033

106.2950, -4.0894,
5.0033

81.9960, -3.9420,
4.3885

59.1100, -3.5052,

4.2885

■ 37.8110, -3.3578,
3.6738

■ 16.0670, -4.9630,
5.2032

■ 240.4800, -4.6736,
5.7180

■ 240.4800, -4.6736,
5.7180

■ 230.5860,
-12.1209, 14.3951

■ 250.2600, 2.3368,
-2.8590

■ 220.2190,
-18.8420, 23.4869

■ 252.6080, 1.1793,
-4.9182

■ 210.3250,
-26.2892, 32.1640

■ 200.4310,
-33.7365, 40.8410

■ 190.0640,
-40.4576, 49.9329

■ 180.1700,
-47.9048, 58.6099

■ 170.2760,
-55.3521, 67.2869

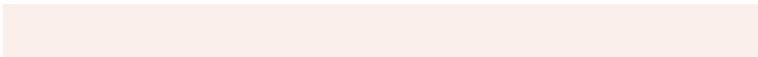
■ 159.7950,
-62.5099, 76.4788

■ 150.0150,
-69.5204, 85.0558

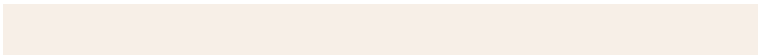
Harmonies

Analogous

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



241.1320, -3.5161, 7.7772



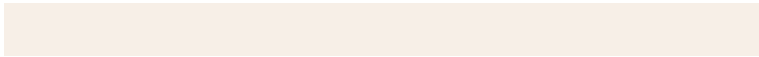
240.4800, -4.6736, 5.7180



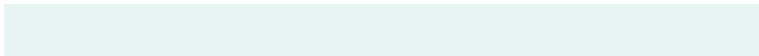
240.1590, -4.5154, 1.6146

Triad

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



240.4800, -4.6736, 5.7180



238.7000, 1.6269, -8.5069



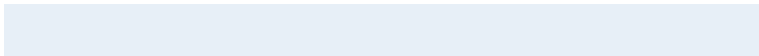
240.8200, 3.0467, 2.7889

Complementary

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



240.4800, -4.6736, 5.7180



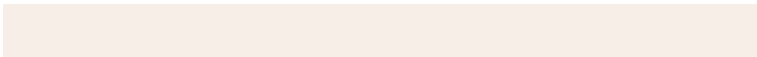
237.5200, 4.6736, -5.7180

Split Complementary

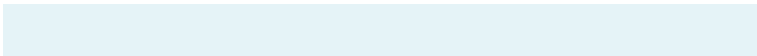
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.4280, 4.2260, -2.1294



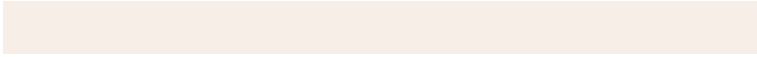
240.4800, -4.6736, 5.7180



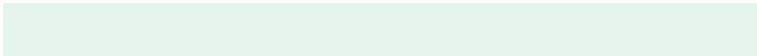
239.2700, 3.8109, -9.0068

Square

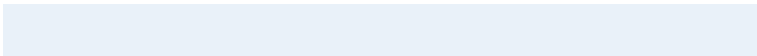
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.4800, -4.6736, 5.7180



238.7280, -0.8519, -6.7775



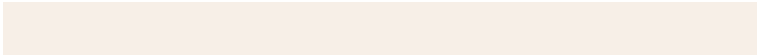
239.5200, 4.6736, -5.7180



241.2720, 0.8519, 6.7775

Rectangle

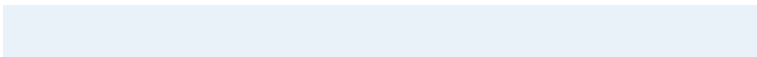
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.4800, -4.6736, 5.7180



239.6640, -3.7784, -1.4593



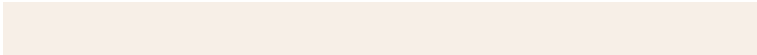
239.5200, 4.6736, -5.7180



240.9230, 3.4890, 0.9445

Sweetspot

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



240.4800, -4.6736, 5.7180



252.6690, -1.3158, 2.0443



236.6960, 1.1359, 9.0366



126.4840, -0.7316, 1.3295



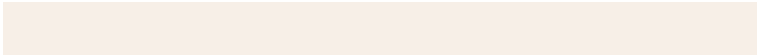
0.0000, 0.0000, 0.0000



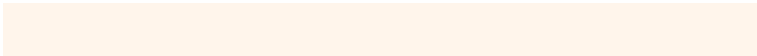
128.0000, 0.0000, 0.0000

Same Dimension

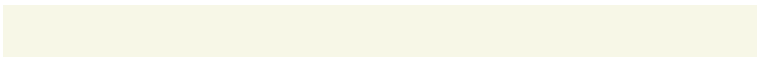
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.4800, -4.6736, 5.7180



246.8500, -5.8420, 7.1476



245.1760, -6.9888, 1.5996



117.1100, -3.5052, 4.2885



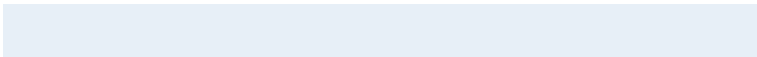
110.2050, -54.3311, 66.4722



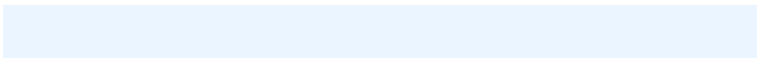
34.6640, -17.0894, 21.3427

Inverse Universe

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



237.5200, 4.6736, -5.7180



243.1500, 5.8421, -7.1475



232.8240, 6.9888, -1.5996



114.8900, 3.5052, -4.2885



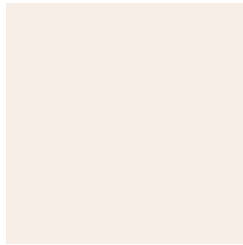
75.7950, 54.3311, -66.4722



23.7490, 17.3787, -20.8279

Previews

White Background



This preview shows how the YUV color 240.4800, -4.6736, 5.7180 looks on a white background.

Color Contrast Check

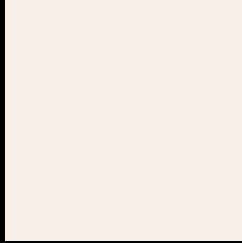
Large Text (above 18pt) WCAG AA × Fail

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 240.4800, -4.6736, 5.7180 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

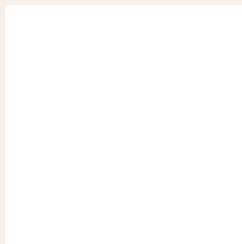
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 240.4800, -4.6736, 5.7180

Background



This preview shows how black text looks on a background with the YUV color 240.4800, -4.6736, 5.7180.



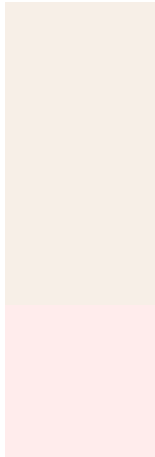
This preview shows how white text looks on a background with the YUV color 240.4800, -4.6736,

5.7180.

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

240.4800, -4.6736, 5.7180

Protanopia

240.4800, -4.6736, 5.7180

Deuteranopia

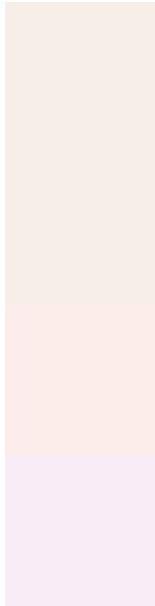
241.6810, -2.8007, 11.6808



Tritanopia

241.6510, 6.0881, 7.3221

Trichromacy



Original Color

240.4800, -4.6736, 5.7180

Protanomaly

240.4800, -4.6736, 5.7180

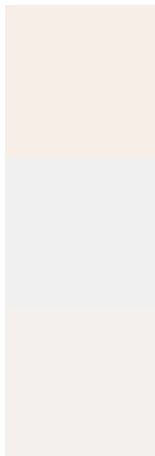
Deuteranomaly

241.1430, -3.5215, 9.5216

Tritanomaly

241.0270, 2.4517, 6.9923

Monochromacy



Original Color

240.4800, -4.6736, 5.7180

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

240.5550, -1.7526, 2.1443

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.4800, -4.6736, 5.7180 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(247, 239, 231)` looks like.

```
.text, #text, p{  
    color:rgb(247, 239, 231)  
}
```

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(247, 239, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 239, 231) }
```

Border

The CSS property to change the border of an element to YUV 240.4800, -4.6736, 5.7180 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(247, 239, 231) }
```


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

```
.border{ border-color:rgb(247, 239, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 239, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 239, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 239, 231);  
box-shadow:4px 4px 4px 4px rgb(247, 239,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 240.4800, -4.6736, 5.7180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 239, 231) }
```

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

```
.background{ background-color: rgb(247,  
239, 231) }
```

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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