

Converting Colors

YUV(242.8420, -0.4151, -6.8774)

Have a look what the booklet for
YUV(242.8420, -0.4151, -6.8774)
contains.

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Color

**YUV(242.8420, -0.4151,
-6.8774)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF7F2
RGB	235, 247, 242
RGB Percent	92%, 97%, 95%
CMY	0.0784, 0.0314, 0.0510
CMYK	0.05, 0.00, 0.02, 0.03
HSL	155°, 43%, 95%
HSV	155°, 5%, 97%
XYZ	83.5487, 90.5945, 97.0874
YIQ	242.8420, -5.5470, -4.0990

Conversions

Conversions Part 2

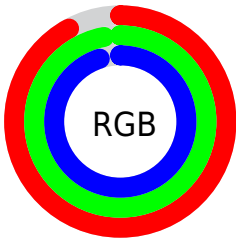
Format	Color
R_{YB}	235, 243, 247
Decimal	15464434
CIE Lab	96.24, -4.84, 1.02
CIE LCh	96, 4.947, 168.077
Yxy	90.5945, 0.3080, 0.3340
Android (android.graphics.Color)	4293654514 (0xFFEBF7F2)
YUV	242.8420, -0.4151, -6.8774
Hunter-Lab	95.1811, -9.8821, 6.1494

Details

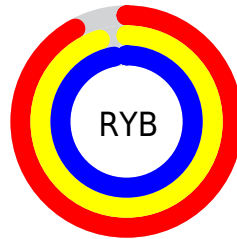
The YUV color $242.8420, -0.4151, -6.8774$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $239.1580, 0.4151, 6.8774$, and the grayscale version is $243.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.8420, -0.4151, -6.8774$ is the 20% darker color. If you saturate the color by 10%, you get $234.2270, -1.0979, -21.2471$, and if you desaturate by 10%, it is $249.9620, 1.0047, 4.4183$.

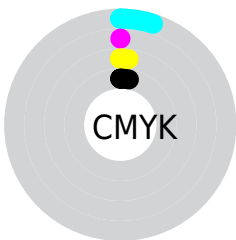
Distribution



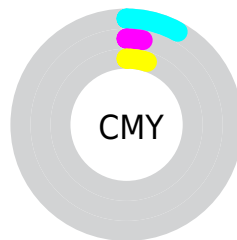
- Red (92%)
- Green (97%)
- Blue (95%)



- Red (92%)
- Yellow (95%)
- Blue (97%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)





- Cyan (8%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 242.8420, -0.4151, -6.8774 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 242.8420, -0.4151, -6.8774 by changing the saturation by 10% instead.


 242.8420, -0.4151,
-6.8774

 242.8420, -0.4151,
-6.8774

255.0000, 0.0000,
0.0000


 214.8420, -0.4151,
-6.8774

 186.8420, -0.4151,
-6.8774

 159.8420, -0.4151,
-6.8774

 133.5540, -0.2731,
-5.7479

 108.5540, -0.2731,
-5.7479

 84.4400, -0.7099,
-5.6479

 60.8530, -0.4205,

-5.1331

■ 38.9670, 0.0163,
-5.2331

■ 18.2550, -0.1257,
-6.3626

■ 242.8420, -0.4151,
-6.8774

■ 242.8420, -0.4151,
-6.8774

■ 234.2270, -1.0979,
-21.2471

■ 249.9620, 1.0047,
4.4183

■ 225.7970, -2.3649,
-34.9020

■ 250.3040, 2.3151,
4.1184

■ 217.1820, -3.0477,
-49.2716

■ 208.5670, -3.7305,
-63.6413

■ 199.9520, -4.4133,
-78.0109

■ 191.5220, -5.6803,
-91.6658

■ 182.9070, -6.3632,
-106.0354

■ 174.2920, -7.0460,
-120.4051

■ 165.8620, -8.3130,
-134.0600

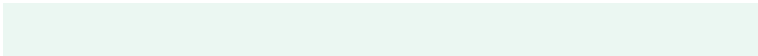
Harmonies

Analogous

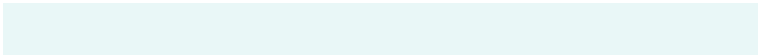
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.2940, -2.6099, -2.8888



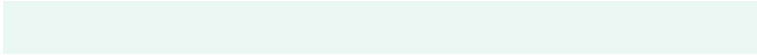
242.8420, -0.4151, -6.8774



242.8140, 2.0637, -8.6069

Triad

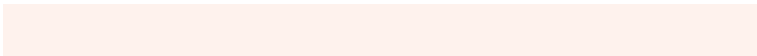
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.8420, -0.4151, -6.8774



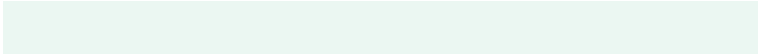
244.7270, 4.0786, -1.5146



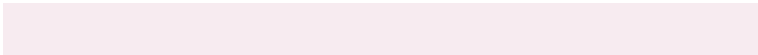
245.0180, -3.9529, 7.8772

Complementary

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



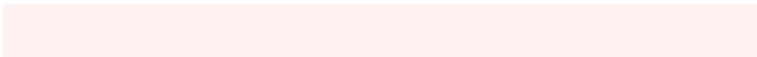
242.8420, -0.4151, -6.8774



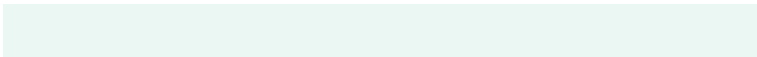
239.1580, 0.4151, 6.8774

Split Complementary

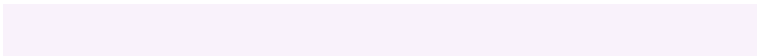
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.1860, -2.0637, 8.6069



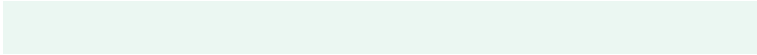
242.8420, -0.4151, -6.8774



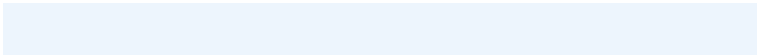
245.1190, 2.8993, 3.4036

Square

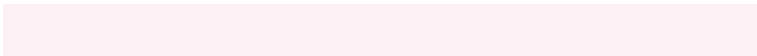
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



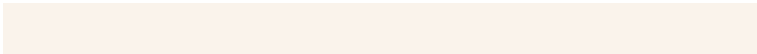
242.8420, -0.4151, -6.8774



243.5200, 4.6736, -5.7180



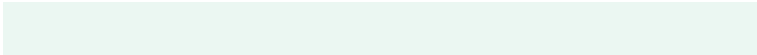
245.1580, 0.4151, 6.8774



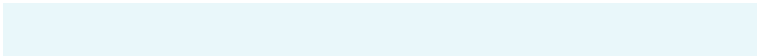
244.1810, -4.5262, 5.1033

Rectangle

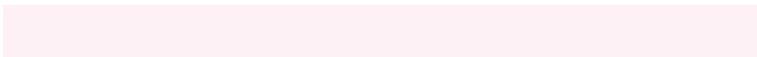
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



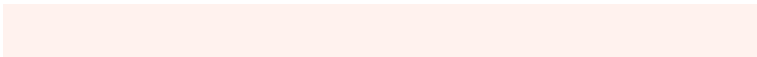
242.8420, -0.4151, -6.8774



243.1560, 3.3741, -8.9068



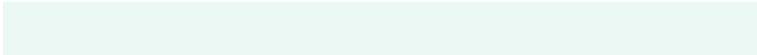
245.1580, 0.4151, 6.8774



245.4310, -3.6635, 8.3920

Sweetspot

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



242.8420, -0.4151, -6.8774



253.9890, 0.0054, -1.7444



243.5390, -4.2097, -3.1037



127.2880, -0.1420, -1.1296



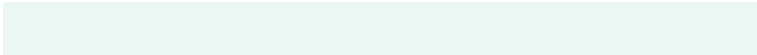
0.0000, 0.0000, 0.0000



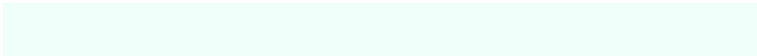
128.0000, 0.0000, 0.0000

Same Dimension

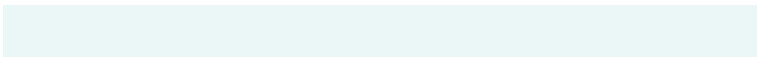
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.8420, -0.4151, -6.8774



249.8310, -0.4097, -8.6218



242.8250, 2.0583, -6.8625



119.2660, -0.1311, -4.6183



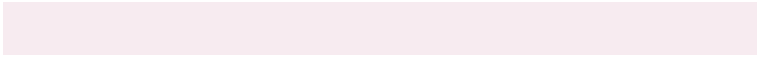
121.6080, -6.2157, -106.6502



38.5090, -2.2229, -33.7724

Inverse Universe

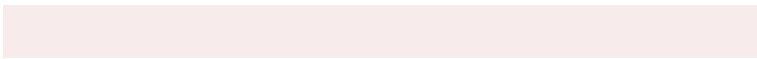
The Inverse Universe completely reimagines the original color for something new.



239.1580, 0.4151, 6.8774



245.1690, 0.4097, 8.6218



239.1750, -2.0583, 6.8625



116.7340, 0.1311, 4.6183



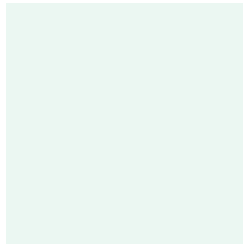
64.5060, 6.6525, 106.5502



20.3770, 1.7861, 33.8724

Previews

White Background



This preview shows how the YUV color 242.8420, -0.4151, -6.8774 looks on a white background.

Color Contrast Check

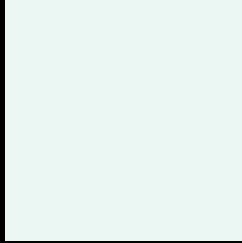
Large Text (above 18pt) WCAG AA × Fail

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 242.8420, -0.4151, -6.8774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

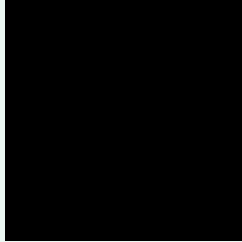
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

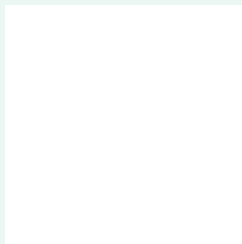
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.8420, -0.4151, -6.8774

Background



This preview shows how black text looks on a background with the YUV color 242.8420, -0.4151, -6.8774.



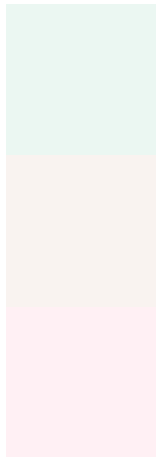
This preview shows how white text looks on a background with the YUV color 242.8420, -0.4151, -6.8774.

-6.8774.

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

242.8420, -0.4151, -6.8774

Protanopia

244.4520, -2.1948, 3.9886

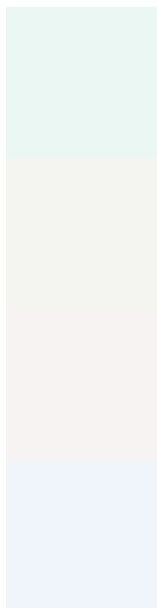
Deuteranopia

244.9410, -0.4639, 8.8217

Tritanopia

244.3570, 5.2470, -2.9441

Trichromacy



Original Color

242.8420, -0.4151, -6.8774

Protanomaly

243.6580, -1.3104, 0.2999

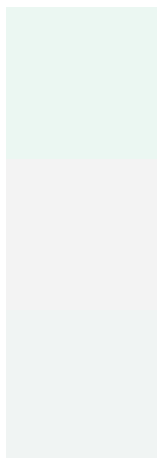
Deuteranomaly

244.4950, -0.7370, 3.0739

Tritanomaly

243.7760, 3.0684, -4.1886

Monochromacy



Original Color

242.8420, -0.4151, -6.8774

Achromatopsia

243.0000, 0.0000, 0.0000

Achromatomaly

242.6900, 0.1528, -2.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.8420, -0.4151, -6.8774 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(235, 247, 242)` looks like.

```
.text, #text, p{  
    color:rgb(235, 247, 242)  
}
```

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(235, 247, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 247, 242) }
```

Border

The CSS property to change the border of an element to YUV 242.8420, -0.4151, -6.8774 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(235, 247, 242) }
```


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

```
.border{ border-color:rgb(235, 247, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 247, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 247, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 247, 242);  
box-shadow:4px 4px 4px 4px rgb(235, 247,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 242.8420, -0.4151, -6.8774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 247, 242) }
```

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

```
.background{ background-color: rgb(235,  
247, 242) }
```

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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