

Converting Colors

YUV(241.5430, -0.2677, -7.4922)

Have a look what the booklet for
YUV(241.5430, -0.2677, -7.4922)
contains.

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Color

**YUV(241.5430, -0.2677,
-7.4922)**

Conversions

Conversions Part 1

Format	Color
Hex	E9F6F1
RGB	233, 246, 241
RGB Percent	91%, 96%, 95%
CMY	0.0863, 0.0353, 0.0549
CMYK	0.05, 0.00, 0.02, 0.04
HSL	157°, 42%, 94%
HSV	157°, 5%, 96%
XYZ	82.4372, 89.5860, 96.1660
YIQ	241.5430, -6.1430, -4.3110

Conversions

Conversions Part 2

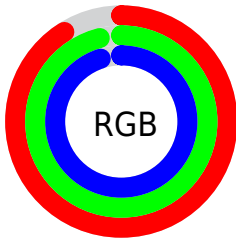
Format	Color
R _Y B	233, 241, 246
Decimal	15333105
CIE Lab	95.82, -5.17, 0.91
CIE LCh	96, 5.252, 169.997
Yxy	89.5860, 0.3074, 0.3340
Android (android.graphics.Color)	4293523185 (0xFFE9F6F1)
YUV	241.5430, -0.2677, -7.4922
Hunter-Lab	94.6499, -10.1692, 6.0152

Details

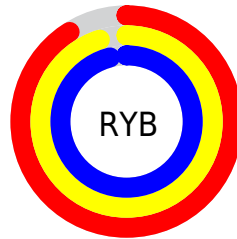
The YUV color $241.5430, -0.2677, -7.4922$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $237.4570, 0.2677, 7.4922$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $185.5430, -0.2677, -7.4922$ is the 20% darker color. If you saturate the color by 10%, you get $233.0420, -0.5137, -21.9618$, and if you desaturate by 10%, it is $249.1470, 0.4205, 5.1331$.

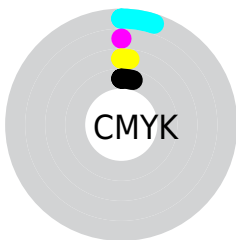
Distribution



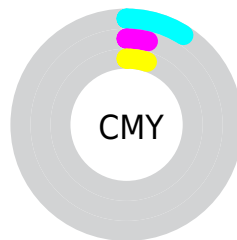
- Red (91%)
- Green (96%)
- Blue (95%)



- Red (91%)
- Yellow (95%)
- Blue (96%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.5430, -0.2677, -7.4922 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 241.5430, -0.2677, -7.4922 by changing the saturation by 10% instead.

■ 241.5430, -0.2677,
-7.4922

■ 241.5430, -0.2677,
-7.4922

255.0000, 0.0000,
0.0000

■ 213.5430, -0.2677,
-7.4922

■ 185.5430, -0.2677,
-7.4922

■ 158.8420, -0.4151,
-6.8774

■ 132.2550, -0.1257,
-6.3626

■ 107.2550, -0.1257,
-6.3626

■ 83.2550, -0.1257,
-6.3626

■ 59.6680, 0.1637,

-5.8478

■ 38.5540, -0.2731,
-5.7479

■ 16.9560, 0.0217,
-6.9774

■ 241.5430, -0.2677,
-7.4922

■ 241.5430, -0.2677,
-7.4922

■ 233.0420, -0.5137,
-21.9618

■ 249.1470, 0.4205,
5.1331

■ 224.7260, -1.3439,
-35.7167

■ 249.7170, 2.6045,
4.6332

■ 216.2250, -1.5899,
-50.1863

■ 207.9090, -2.4201,
-63.9412

■ 199.4080, -2.6661,
-78.4108

■ 190.7930, -3.3489,
-92.7805

■ 182.5910, -3.7424,
-106.6353

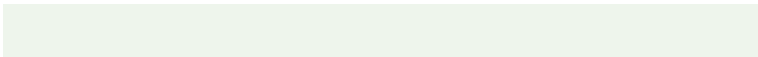
■ 173.9760, -4.4252,
-121.0050

■ 165.7740, -4.8186,
-134.8598

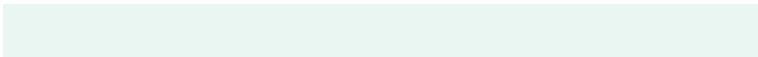
Harmonies

Analogous

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



241.8810, -2.8993, -3.4036



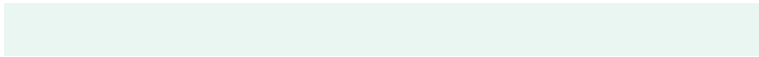
241.5430, -0.2677, -7.4922



241.5150, 2.2111, -9.2217

Triad

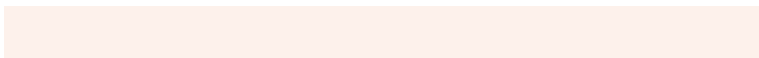
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.5430, -0.2677, -7.4922



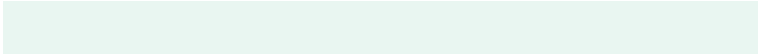
243.1400, 4.3680, -0.9998



243.9040, -4.3897, 7.9772

Complementary

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



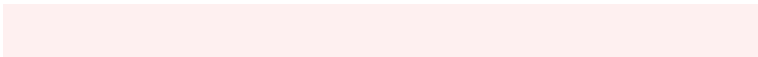
241.5430, -0.2677, -7.4922



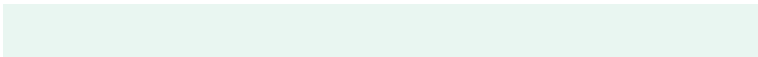
237.4570, 0.2677, 7.4922

Split Complementary

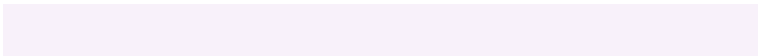
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.1860, -2.0637, 8.6069



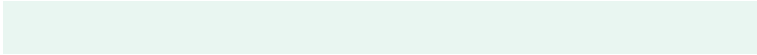
241.5430, -0.2677, -7.4922



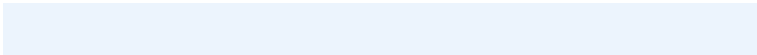
244.1190, 2.8993, 3.4036

Square

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



241.5430, -0.2677, -7.4922



242.6340, 5.1104, -5.8180



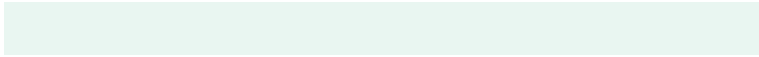
244.4570, 0.2677, 7.4922



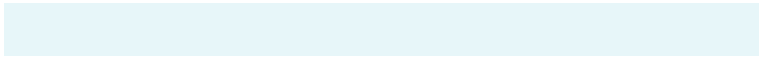
243.0670, -4.9630, 5.2032

Rectangle

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



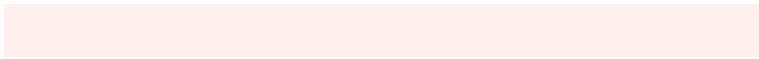
241.5430, -0.2677, -7.4922



241.8570, 3.5215, -9.5216



244.4570, 0.2677, 7.4922



243.8440, -3.3741, 8.9068

Sweetspot

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



241.5430, -0.2677, -7.4922



253.2770, -0.1366, -2.8739



242.1260, -4.4991, -3.6185



126.9890, 0.0054, -1.7444



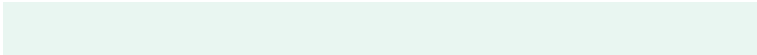
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

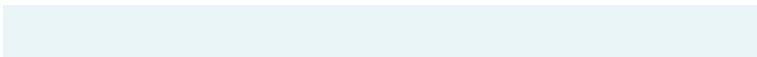
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.5430, -0.2677, -7.4922



249.8310, -0.4097, -8.6218



241.5260, 2.2057, -7.4773



119.2660, -0.1311, -4.6183



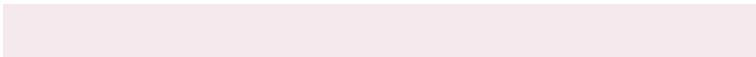
122.2920, -3.5950, -107.2501



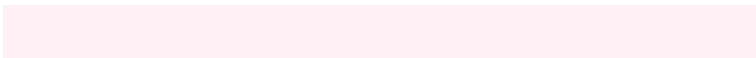
38.7370, -1.3493, -33.9723

Inverse Universe

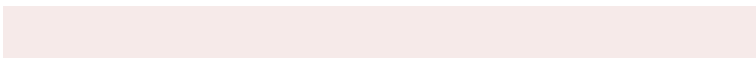
The Inverse Universe completely reimagines the original color for something new.



237.4570, 0.2677, 7.4922



245.1690, 0.4097, 8.6218



237.4740, -2.2057, 7.4773



116.7340, 0.1311, 4.6183



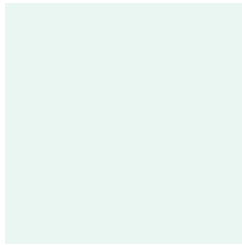
63.8220, 4.0318, 107.1501



20.2630, 1.3493, 33.9723

Previews

White Background



This preview shows how the YUV color 241.5430, -0.2677, -7.4922 looks on a white background.

Color Contrast Check

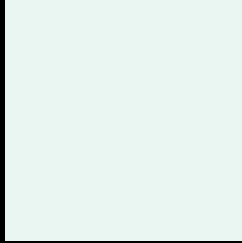
Large Text (above 18pt) WCAG AA × Fail

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 241.5430, -0.2677, -7.4922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

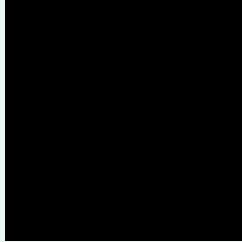
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

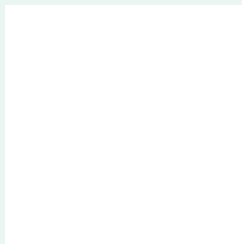
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 241.5430, -0.2677, -7.4922

Background



This preview shows how black text looks on a background with the YUV color 241.5430, -0.2677, -7.4922.



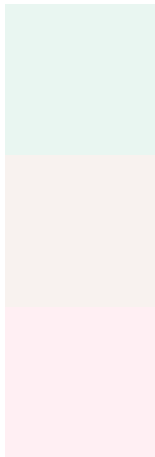
This preview shows how white text looks on a background with the YUV color 241.5430, -0.2677, -7.4922.

-7.4922.

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

241.5430, -0.2677, -7.4922

Protanopia

243.4520, -2.1948, 3.9886

Deuteranopia

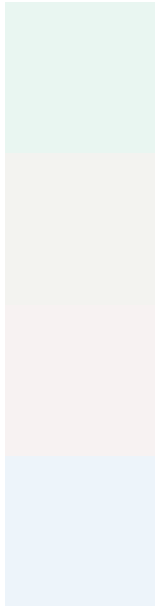
244.2400, -0.6113, 9.4365



Tritanopia

243.1720, 5.8312, -3.6588

Trichromacy



Original Color

241.5430, -0.2677, -7.4922

Protanomaly

242.6580, -1.3104, 0.2999

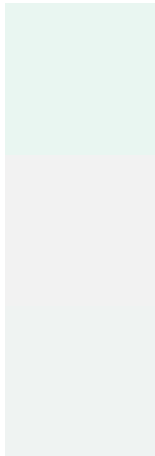
Deuteranomaly

243.4950, -0.7370, 3.0739

Tritanomaly

242.5910, 3.6526, -4.9033

Monochromacy



Original Color

241.5430, -0.2677, -7.4922

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

241.6900, 0.1528, -2.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.5430, -0.2677, -7.4922 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(233, 246, 241)` looks like.

```
.text, #text, p{  
    color:rgb(233, 246, 241)  
}
```

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(233, 246, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 246, 241) }
```

Border

The CSS property to change the border of an element to YUV 241.5430, -0.2677, -7.4922 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(233, 246, 241) }
```


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

```
.border{ border-color:rgb(233, 246, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 246, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 246, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 246, 241);  
box-shadow:4px 4px 4px 4px rgb(233, 246,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 241.5430, -0.2677, -7.4922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 246, 241) }
```

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

```
.background{ background-color: rgb(233,  
246, 241) }
```

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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