

Converting Colors

YUV(241.7490, 0.6167,
-11.1809)

Have a look what the booklet for
YUV(241.7490, 0.6167, -11.1809)
contains.

YUV(241.7490, 0.6167, -11.1809)	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(241.7490, 0.6167,
-11.1809)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F8F3
RGB	229, 248, 243
RGB Percent	90%, 97%, 95%
CMY	0.1020, 0.0275, 0.0471
CMYK	0.08, 0.00, 0.02, 0.03
HSL	164°, 58%, 94%
HSV	164°, 8%, 97%
XYZ	82.0582, 90.2639, 97.8918
YIQ	241.7490, -9.7190, -5.5830

Conversions

Conversions Part 2

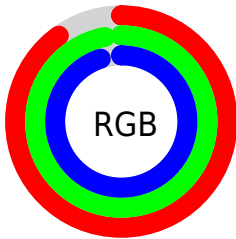
Format	Color
R _Y B	229, 240, 248
Decimal	15071475
CIE Lab	96.11, -7.12, 0.26
CIE LCh	96, 7.121, 177.938
Yxy	90.2639, 0.3037, 0.3340
Android (android.graphics.Color)	4293261555 (0xFFE5F8F3)
YUV	241.7490, 0.6167, -11.1809
Hunter-Lab	95.0073, -12.0917, 5.4150

Details

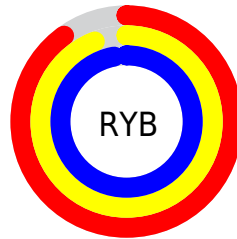
The YUV color $241.7490, 0.6167, -11.1809$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $235.2510, -0.6167, 11.1809$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $185.7490, 0.6167, -11.1809$ is the 20% darker color. If you saturate the color by 10%, you get $233.4760, 1.2443, -25.8505$, and if you desaturate by 10%, it is $250.0220, -0.0108, 3.4887$.

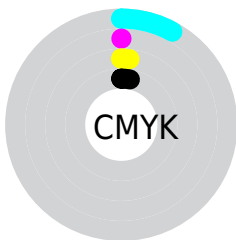
Distribution



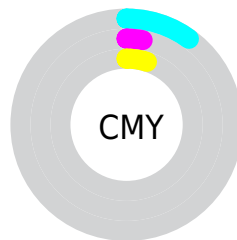
- Red (90%)
- Green (97%)
- Blue (95%)



- Red (90%)
- Yellow (94%)
- Blue (97%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (10%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.7490, 0.6167, -11.1809 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 241.7490, 0.6167, -11.1809 by changing the saturation by 10% instead.

■ 241.7490, 0.6167,
-11.1809

■ 241.7490, 0.6167,
-11.1809

255.0000, 0.0000,
0.0000

■ 213.1620, 0.9061,
-10.6661

■ 185.7490, 0.6167,
-11.1809

■ 159.0480, 0.4693,
-10.5661

■ 132.4610, 0.7587,
-10.0513

■ 107.4610, 0.7587,
-10.0513

■ 82.7600, 0.6113,
-9.4365

■ 60.0590, 0.4639,

-8.8217

■ 38.0590, 0.4639,
-8.8217

■ 16.8630, 1.0535,
-11.2809

■ 241.7490, 0.6167,
-11.1809

■ 241.7490, 0.6167,
-11.1809

■ 233.4760, 1.2443,
-25.8505

■ 250.0220, -0.0108,
3.4887

■ 225.3170, 2.3087,
-40.6200

■ 250.8910, 2.0257,
3.6036

■ 217.3430, 2.7889,
-54.6748

■ 209.1840, 3.8533,
-69.4444

■ 200.9110, 4.4809,
-84.1139

■ 192.7520, 5.5453,
-98.8835

■ 184.4790, 6.1729,
-113.5531

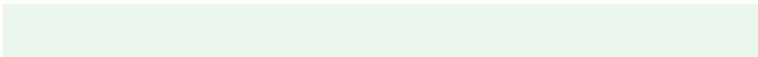
■ 176.6190, 7.0898,
-127.7079

■ 168.3460, 7.7174,
-142.3774

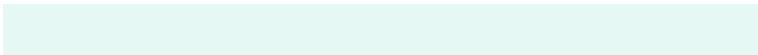
Harmonies

Analogous

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



242.1580, -3.0359, -6.2776



241.7490, 0.6167, -11.1809



241.9490, 3.9691, -13.1103

Triad

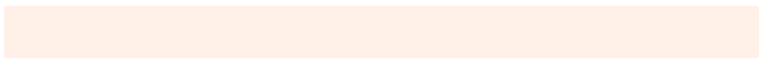
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.7490, 0.6167, -11.1809



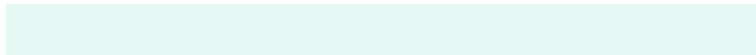
244.3790, 5.2362, 0.5446



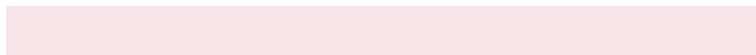
244.1600, -5.9949, 9.5067

Complementary

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



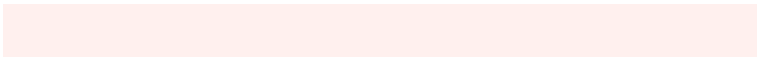
241.7490, 0.6167, -11.1809



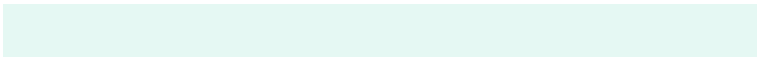
235.2510, -0.6167, 11.1809

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.



244.2570, -3.0847, 9.4216



241.7490, 0.6167, -11.1809



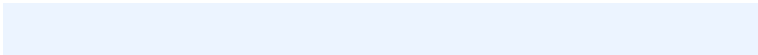
245.1410, 2.8885, 6.8923

Square

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



241.7490, 0.6167, -11.1809



242.8620, 5.9840, -6.0180



244.3540, -0.1745, 9.3365



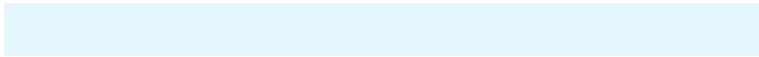
243.6110, -6.7102, 5.6032

Rectangle

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



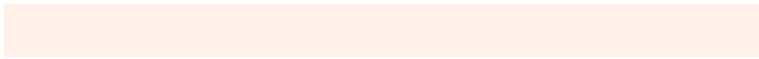
241.7490, 0.6167, -11.1809



242.4160, 5.7109, -11.7658



244.3540, -0.1745, 9.3365



243.8010, -4.8319, 9.8215

Sweetspot

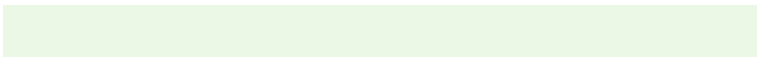
The Sweet Spot groups the original color and five complimentary colors.



241.7490, 0.6167, -11.1809



253.3910, 0.3002, -2.9739



241.6480, -6.2355, -6.7073



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.



241.7490, 0.6167, -11.1809



247.4390, 0.7696, -13.5400



239.9710, 3.9583, -9.6216



120.7710, 0.6059, -7.6922



126.7890, 6.0200, -111.1940



40.9370, 2.0031, -35.9017

Inverse Universe

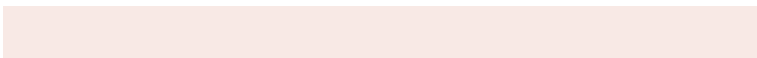
The Inverse Universe completely reimagines the original color for something new.



235.2510, -0.6167, 11.1809



239.5610, -0.7696, 13.5400



237.0290, -3.9583, 9.6216



116.3430, -0.1691, 7.5922



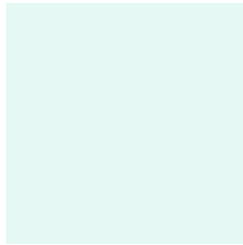
62.2110, -6.0200, 111.1940



20.0630, -2.0031, 35.9017

Previews

White Background



This preview shows how the YUV color 241.7490, 0.6167, -11.1809 looks on a white background.

Color Contrast Check

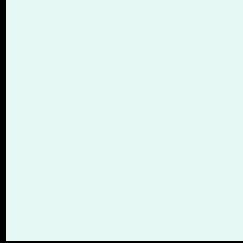
Large Text (above 18pt) WCAG AA × Fail

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 241.7490, 0.6167, -11.1809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

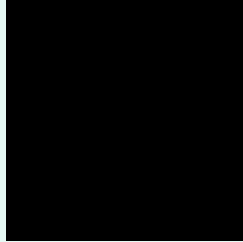
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

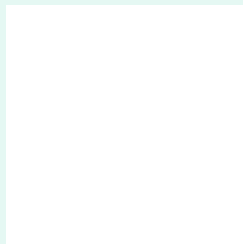
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 241.7490, 0.6167, -11.1809

Background



This preview shows how black text looks on a background with the YUV color 241.7490, 0.6167, -11.1809.



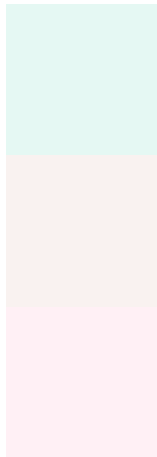
This preview shows how white text looks on a background with the YUV color 241.7490, 0.6167, -11.1809.

-11.1809.

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

241.7490, 0.6167, -11.1809

Protanopia

243.8650, -1.9054, 4.5034

Deuteranopia

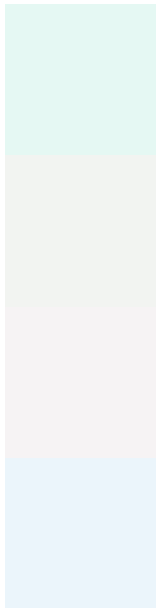
245.0550, -0.0271, 8.7218



Tritanopia

243.4600, 5.6892, -4.7884

Trichromacy



Original Color

241.7490, 0.6167, -11.1809

Protanomaly

243.0600, -1.0156, -0.9296

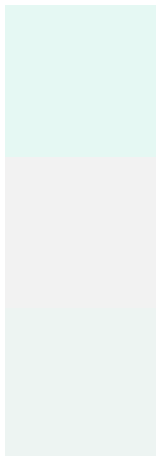
Deuteranomaly

244.0110, -0.0054, 1.7444

Tritanomaly

242.6940, 4.0949, -6.7476

Monochromacy



Original Color

241.7490, 0.6167, -11.1809

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

241.6790, 0.1583, -4.1035

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.7490, 0.6167, -11.1809 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(229, 248, 243)` looks like.

```
.text, #text, p{  
    color:rgb(229, 248, 243)  
}
```

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(229, 248, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 248, 243) }
```

Border

The CSS property to change the border of an element to YUV 241.7490, 0.6167, -11.1809 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(229, 248, 243) }
```


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

```
.border{ border-color:rgb(229, 248, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 248, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 248, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 248, 243); box-shadow:4px 4px 4px 4px rgb(229, 248, 243) }
```

Background

The CSS property to change the background color of an element to YUV 241.7490, 0.6167, -11.1809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 248, 243) }
```

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

```
.background{ background-color: rgb(229,  
248, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor