

Converting Colors

YUV(245.0480, 0.4693,
-10.5661)

Have a look what the booklet for
YUV(245.0480, 0.4693, -10.5661)
contains.

YUV(245.0480, 0.4693, -10.5661)	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(245.0480, 0.4693,
-10.5661)**

Conversions

Conversions Part 1

Format	Color
Hex	E9FBF6
RGB	233, 251, 246
RGB Percent	91%, 98%, 96%
CMY	0.0863, 0.0157, 0.0353
CMYK	0.07, 0.00, 0.02, 0.02
HSL	163°, 69%, 95%
HSV	163°, 7%, 98%
XYZ	84.7360, 92.9718, 100.6681
YIQ	245.0480, -9.1230, -5.3710

Conversions

Conversions Part 2

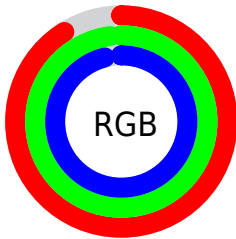
Format	Color
R _Y B	233, 243, 251
Decimal	15334390
CIE Lab	97.22, -6.78, 0.36
CIE LCh	97, 6.787, 176.941
Yxy	92.9718, 0.3044, 0.3340
Android (android.graphics.Color)	4293524470 (0xFFE9FBF6)
YUV	245.0480, 0.4693, -10.5661
Hunter-Lab	96.4219, -11.8717, 5.5943

Details

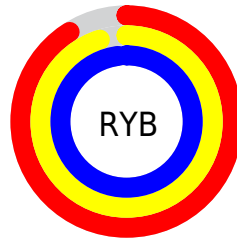
The YUV color $245.0480, 0.4693, -10.5661$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.9520, -0.4693, 10.5661$, and the grayscale version is $245.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $188.4610, 0.7587, -10.0513$ is the 20% darker color. If you saturate the color by 10%, you get $236.7750, 1.0969, -25.2357$, and if you desaturate by 10%, it is $252.4240, 0.2840, 2.2592$.

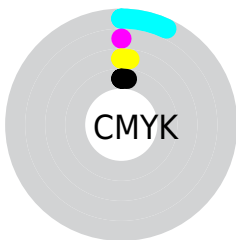
Distribution



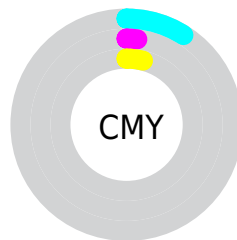
- Red (91%)
- Green (98%)
- Blue (96%)



- Red (91%)
- Yellow (95%)
- Blue (98%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (2%)



- Cyan (9%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 245.0480, 0.4693, -10.5661 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 245.0480, 0.4693, -10.5661 by changing the saturation by 10% instead.

245.0480, 0.4693,
-10.5661

245.0480, 0.4693,
-10.5661

255.0000, 0.0000,
0.0000

216.4610, 0.7587,
-10.0513

188.4610, 0.7587,
-10.0513

161.7600, 0.6113,
-9.4365

135.6460, 0.1745,
-9.3365

110.0590, 0.4639,
-8.8217

86.0590, 0.4639,
-8.8217

62.4720, 0.7533,

-8.3069

■ 40.4720, 0.7533,
-8.3069

■ 19.7600, 0.6113,
-9.4365

■ 245.0480, 0.4693,
-10.5661

■ 245.0480, 0.4693,
-10.5661

■ 236.7750, 1.0969,
-25.2357

■ 252.4240, 0.2840,
2.2592

■ 228.5020, 1.7245,
-39.9053

■ 252.6520, 1.1576,
2.0592

■ 220.2290, 2.3521,
-54.5748

■ 211.9560, 2.9797,
-69.2444

■ 203.3840, 3.7547,
-84.5288

■ 195.1110, 4.3823,
-99.1983

■ 186.8380, 5.0099,
-113.8679

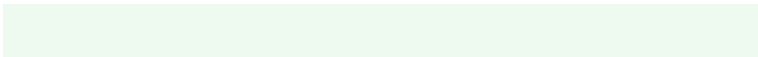
■ 178.5650, 5.6375,
-128.5375

■ 170.2920, 6.2650,
-143.2071

Harmonies

Analogous

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



245.2720, -2.5991, -6.3775



245.0480, 0.4693, -10.5661



245.2480, 3.8217, -12.4955

Triad

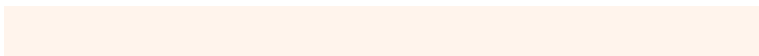
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.0480, 0.4693, -10.5661



247.6240, 3.6364, 0.3298



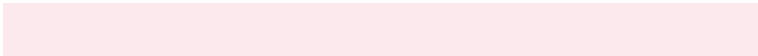
246.3770, -5.1159, 7.5624

Complementary

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



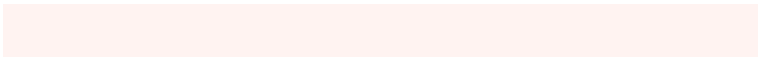
245.0480, 0.4693, -10.5661



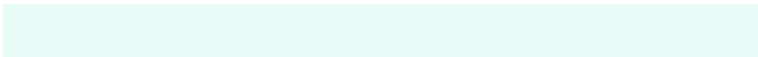
238.9520, -0.4693, 10.5661

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.



246.3600, -2.6425, 7.5773



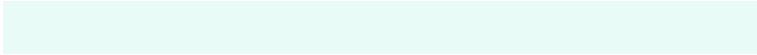
245.0480, 0.4693, -10.5661



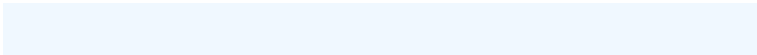
248.4290, 2.7465, 5.7628

Square

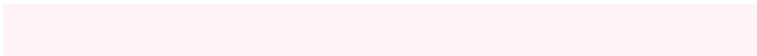
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



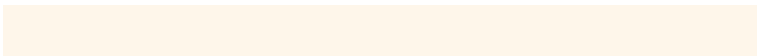
245.0480, 0.4693, -10.5661



246.4060, 4.2368, -5.6181



247.1580, 0.4151, 6.8774



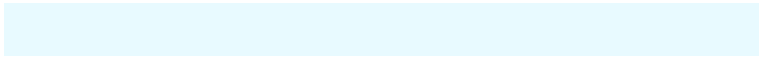
247.0240, -6.4208, 6.1180

Rectangle

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



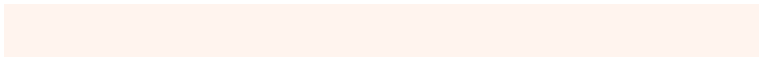
245.0480, 0.4693, -10.5661



245.1880, 4.8373, -11.5659



247.1580, 0.4151, 6.8774



246.6050, -4.2423, 7.3624

Sweetspot

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



245.0480, 0.4693, -10.5661



253.3910, 0.3002, -2.9739



245.0610, -5.9461, -6.1925



126.9890, 0.0054, -1.7444



0.0000, 0.0000, 0.0000



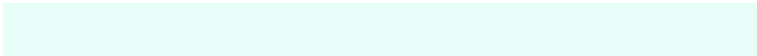
128.0000, 0.0000, 0.0000

Same Dimension

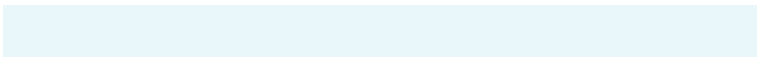
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.0480, 0.4693, -10.5661



247.4390, 0.7696, -13.5400



243.2700, 3.8109, -9.0068



120.6570, 0.1691, -7.5922



126.4470, 4.7096, -110.8940



40.8230, 1.5663, -35.8018

Inverse Universe

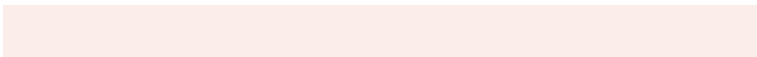
The Inverse Universe completely reimagines the original color for something new.



238.9520, -0.4693, 10.5661



239.5610, -0.7696, 13.5400



240.7300, -3.8109, 9.0068



116.3430, -0.1691, 7.5922



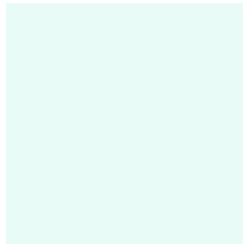
62.4390, -5.1464, 110.9940



20.1770, -1.5663, 35.8018

Previews

White Background



This preview shows how the YUV color 245.0480, 0.4693, -10.5661 looks on a white background.

Color Contrast Check

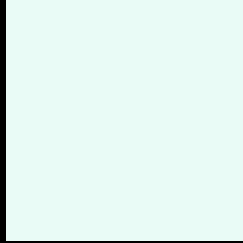
Large Text (above 18pt) WCAG AA × Fail

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 245.0480, 0.4693, -10.5661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

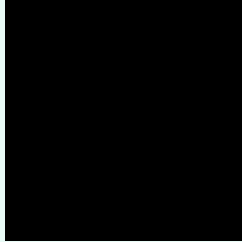
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

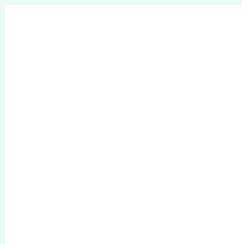
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 245.0480, 0.4693, -10.5661

Background



This preview shows how black text looks on a background with the YUV color 245.0480, 0.4693, -10.5661.



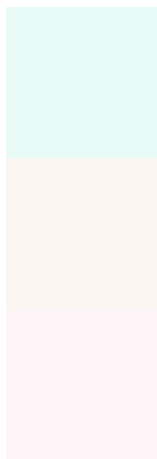
This preview shows how white text looks on a background with the YUV color 245.0480, 0.4693,

-10.5661.

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

245.0480, 0.4693, -10.5661

Protanopia

247.4520, -2.1948, 3.9886

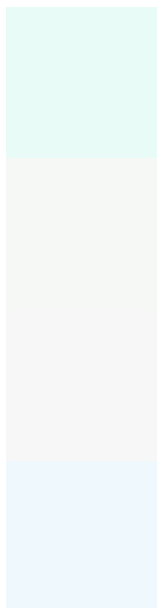
Deuteranopia

247.6310, -0.3111, 6.4626

Tritanopia

246.7160, 4.0840, -3.2589

Trichromacy



Original Color

245.0480, 0.4693, -10.5661

Protanomaly

246.6470, -1.3050, -1.4444

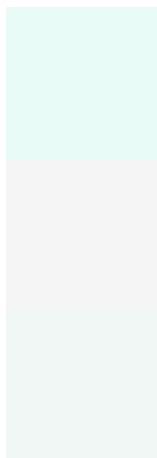
Deuteranomaly

247.0000, 0.0000, 0.0000

Tritanomaly

245.7650, 3.0739, -5.9329

Monochromacy



Original Color

245.0480, 0.4693, -10.5661

Achromatopsia

245.0000, 0.0000, 0.0000

Achromatomaly

244.9780, 0.0108, -3.4887

CSS Examples

Text

The CSS property to change the color of the text to YUV 245.0480, 0.4693, -10.5661 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, 251, 246)` looks like.

```
.text, #text, p{  
    color:rgb(233, 251, 246)  
}
```

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, 251, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 251, 246) }
```

Border

The CSS property to change the border of an element to YUV 245.0480, 0.4693, -10.5661 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, 251, 246) }
```


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

```
.border{ border-color:rgb(233, 251, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 251, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 251, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 251, 246); box-shadow:4px 4px 4px 4px rgb(233, 251, 246) }
```

Background

The CSS property to change the background color of an element to YUV 245.0480, 0.4693, -10.5661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 251, 246) }
```

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

```
.background{ background-color: rgb(233,  
251, 246) }
```

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