

Converting Colors

YUV(245.4720, 0.7533, -8.3069)

Have a look what the booklet for
YUV(245.4720, 0.7533, -8.3069)
contains.

YUV(245.4720, 0.7533, -8.3069)	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(245.4720, 0.7533,
-8.3069)**

Conversions

Conversions Part 1

Format	Color
Hex	ECFAF7
RGB	236, 250, 247
RGB Percent	93%, 98%, 97%
CMY	0.0745, 0.0196, 0.0314
CMYK	0.06, 0.00, 0.01, 0.02
HSL	167°, 58%, 95%
HSV	167°, 6%, 98%
XYZ	85.5662, 92.9195, 101.4211
YIQ	245.4720, -7.3810, -3.9010

Conversions

Conversions Part 2

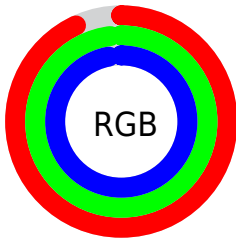
Format	Color
R _Y B	236, 244, 250
Decimal	15530743
CIE Lab	97.19, -5.12, -0.16
CIE LCh	97, 5.122, 181.780
Yxy	92.9195, 0.3057, 0.3320
Android (android.graphics.Color)	4293720823 (0xFFECAF7)
YUV	245.4720, 0.7533, -8.3069
Hunter-Lab	96.3948, -10.2427, 5.0947

Details

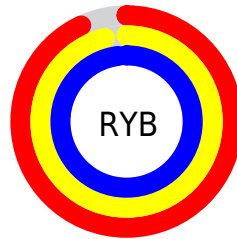
The YUV color $245.4720, 0.7533, -8.3069$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $240.5280, -0.7533, 8.3069$, and the grayscale version is $245.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $189.4720, 0.7533, -8.3069$ is the 20% darker color. If you saturate the color by 10%, you get $237.4270, 2.2545, -23.1765$, and if you desaturate by 10%, it is $251.7230, 0.1366, 2.8739$.

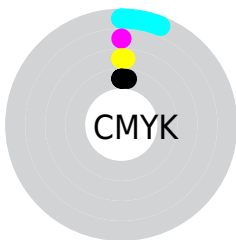
Distribution



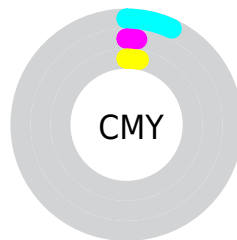
- Red (93%)
- Green (98%)
- Blue (97%)



- Red (93%)
- Yellow (96%)
- Blue (98%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (7%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 245.4720, 0.7533, -8.3069 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 245.4720, 0.7533, -8.3069 by changing the saturation by 10% instead.

245.4720, 0.7533,
-8.3069

245.4720, 0.7533,
-8.3069

255.0000, 0.0000,
0.0000

216.8850, 1.0427,
-7.7921

189.4720, 0.7533,
-8.3069

161.8850, 1.0427,
-7.7921

135.7710, 0.6059,
-7.6922

110.7710, 0.6059,
-7.6922

86.1840, 0.8953,
-7.1774

63.0700, 0.4585,

-7.0774

■ 40.7820, 0.6005,
-5.9478

■ 20.4830, 0.7479,
-6.5626

■ 245.4720, 0.7533,
-8.3069

■ 245.4720, 0.7533,
-8.3069

■ 237.4270, 2.2545,
-23.1765

■ 251.7230, 0.1366,
2.8739

■ 229.2680, 3.3189,
-37.9460

■ 252.0650, 1.4470,
2.5740

■ 221.2230, 4.8201,
-52.8156

■ 213.1780, 6.3212,
-67.6851

■ 205.0190, 7.3856,
-82.4547

■ 196.9740, 8.8868,
-97.3242

■ 188.9290, 10.3880,
-112.1937

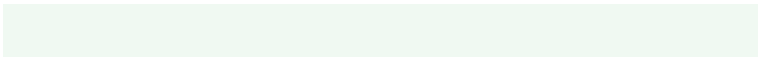
■ 180.7700, 11.4524,
-126.9633

■ 172.7250, 12.9536,
-141.8328

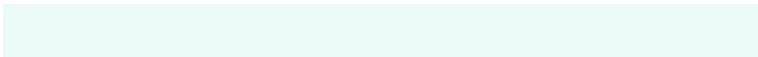
Harmonies

Analogous

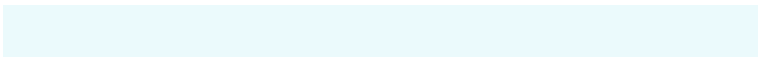
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.5110, -1.7309, -4.8331



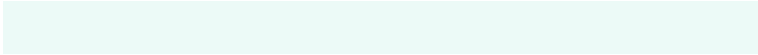
245.4720, 0.7533, -8.3069



245.7430, 3.0847, -9.4216

Triad

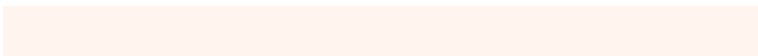
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.4720, 0.7533, -8.3069



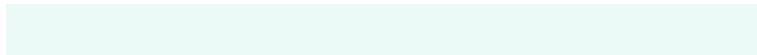
247.6240, 3.6364, 0.3298



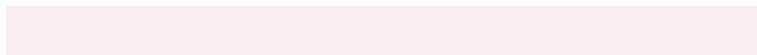
247.1920, -4.5317, 6.8476

Complementary

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



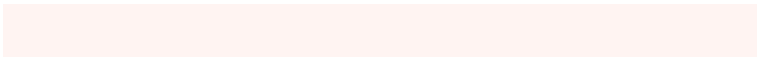
245.4720, 0.7533, -8.3069



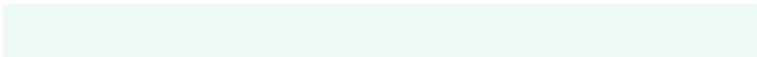
240.5280, -0.7533, 8.3069

Split Complementary

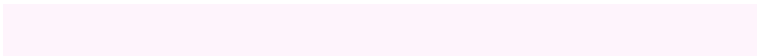
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.0610, -2.4951, 6.9625



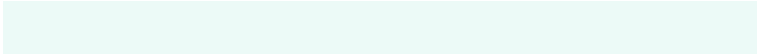
245.4720, 0.7533, -8.3069



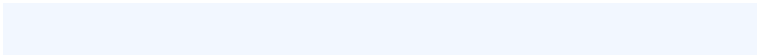
247.9020, 2.0203, 5.3479

Square

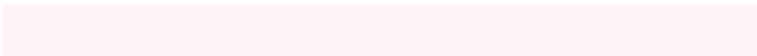
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245.4720, 0.7533, -8.3069



246.4170, 4.2314, -3.8737



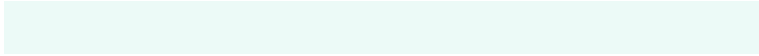
247.6310, -0.3111, 6.4626



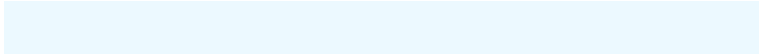
247.0560, -4.9576, 3.4589

Rectangle

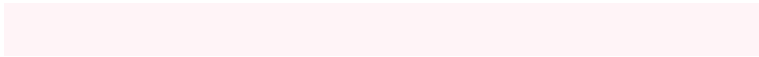
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



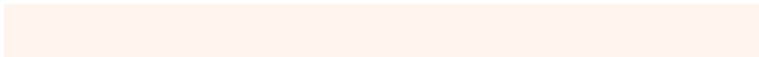
245.4720, 0.7533, -8.3069



245.7970, 4.5371, -8.5920



247.6310, -0.3111, 6.4626



247.3060, -4.0949, 6.7476

Sweetspot

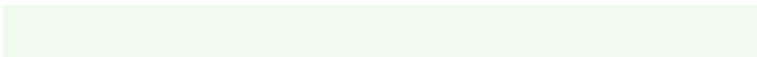
The Sweet Spot groups the original color and five complimentary colors.



245.4720, 0.7533, -8.3069



253.3910, 0.3002, -2.9739



245.1150, -4.4937, -5.3629



126.9890, 0.0054, -1.7444



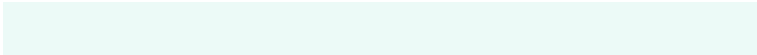
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

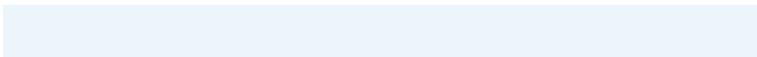
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.4720, 0.7533, -8.3069



249.1620, 0.9061, -10.6661



243.4660, 3.2213, -6.5477



121.7820, 0.6005, -5.9478



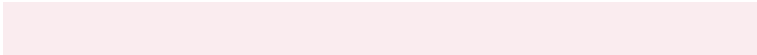
127.8150, 9.9512, -112.0938



41.2790, 3.3135, -36.2017

Inverse Universe

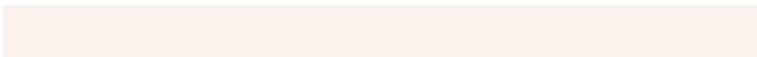
The Inverse Universe completely reimagines the original color for something new.



240.5280, -0.7533, 8.3069



242.8380, -0.9061, 10.6661



242.5340, -3.2213, 6.5477



118.2180, -0.6005, 5.9478



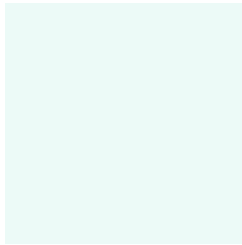
61.0710, -10.3880, 112.1937



19.7210, -3.3135, 36.2017

Previews

White Background



This preview shows how the YUV color 245.4720, 0.7533, -8.3069 looks on a white background.

Color Contrast Check

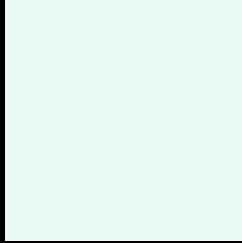
Large Text (above 18pt) WCAG AA × Fail

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 245.4720, 0.7533, -8.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

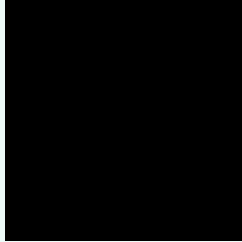
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

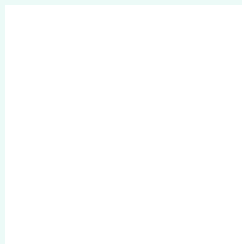
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 245.4720, 0.7533, -8.3069

Background



This preview shows how black text looks on a background with the YUV color 245.4720, 0.7533, -8.3069.



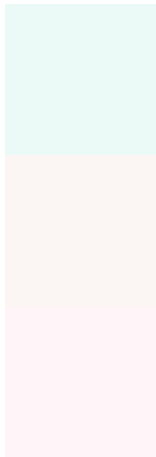
This preview shows how white text looks on a background with the YUV color 245.4720, 0.7533,

-8.369.

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

245.4720, 0.7533, -8.3069

Protanopia

247.2670, -1.6106, 3.2738

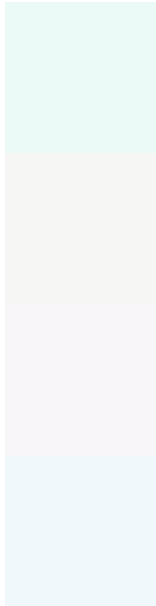
Deuteranopia

247.7450, 0.1257, 6.3626

Tritanopia

247.0150, 3.9366, -2.6442

Trichromacy



Original Color

245.4720, 0.7533, -8.3069

Protanomaly

246.4730, -0.7262, -0.4148

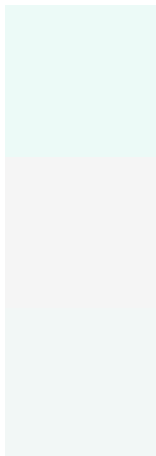
Deuteranomaly

246.8260, 0.5788, 1.0296

Tritanomaly

246.3630, 2.7790, -4.7034

Monochromacy



Original Color

245.4720, 0.7533, -8.3069

Achromatopsia

245.0000, 0.0000, 0.0000

Achromatomaly

245.3910, 0.3002, -2.9739

CSS Examples

Text

The CSS property to change the color of the text to YUV 245.4720, 0.7533, -8.3069 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(236, 250, 247)` looks like.

```
.text, #text, p{  
    color:rgb(236, 250, 247)  
}
```

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(236, 250, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 250, 247) }
```

Border

The CSS property to change the border of an element to YUV 245.4720, 0.7533, -8.3069 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(236, 250, 247) }
```


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

```
.border{ border-color:rgb(236, 250, 247) }
```

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

Here you see how a box with a 4 pixel rgb(236, 250, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 250, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 250, 247);  
box-shadow:4px 4px 4px 4px rgb(236, 250,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 245.4720, 0.7533, -8.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 250, 247) }
```

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

```
.background{ background-color: rgb(236,  
250, 247) }
```

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