

Converting Colors

YUV(247.6790, 0.1583, -4.1035)

Have a look what the booklet for
YUV(247.6790, 0.1583, -4.1035)
contains.

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Color

**YUV(247.6790, 0.1583,
-4.1035)**

Conversions

Conversions Part 1	
Format	Color
Hex	F3FAF8
RGB	243, 250, 248
RGB Percent	95%, 98%, 97%
CMY	0.0471, 0.0196, 0.0275
CMYK	0.03, 0.00, 0.01, 0.02
HSL	163°, 41%, 97%
HSV	163°, 3%, 98%
XYZ	88.0910, 94.2032, 102.3471
YIQ	247.6790, -3.5300, -2.1060

Conversions

Conversions Part 2

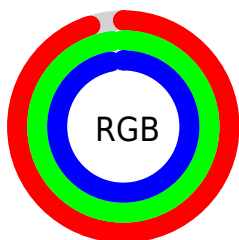
Format	Color
RYB	243, 247, 250
Decimal	15989496
CIELab	97.71, -2.65, 0.14
CIELCh	98, 2.657, 176.916
Yxy	94.2032, 0.3095, 0.3310
Android (android.graphics.Color)	4294179576 (0xFFFF3FAF8)
YUV	247.6790, 0.1583, -4.1035
Hunter-Lab	97.0583, -7.8439, 5.4201

Details

The YUV color 247.6790, 0.1583, -4.1035 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 245.3210, -0.1583, 4.1035, and the grayscale version is 248.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 191.6790, 0.1583, -4.1035 is the 20% darker color. If you saturate the color by 10%, you get 239.4060, 0.7858, -18.7731, and if you desaturate by 10%, it is 252.0650, 1.4470, 2.5740.

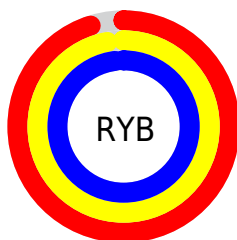
Distribution



Red (95%)

Green (98%)

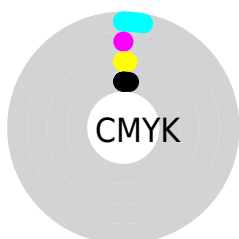
Blue (97%)



Red (95%)

Yellow (97%)

Blue (98%)

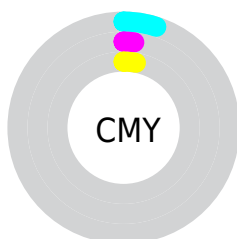


Cyan (3%)

Magenta (0%)

Yellow (1%)

Black (2%)



Cyan (5%)

Magenta (2%)

Yellow (3%)


Brightness & Saturation

Gradients


These gradients show how the YUV color 247.6790, 0.1583, -4.1035 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 247.6790, 0.1583, -4.1035 by changing the saturation by 10% instead.


 247.6790, 0.1583,
-4.1035


 247.6790, 0.1583,
-4.1035


255.0000, 0.0000,
0.0000


 218.9780, 0.0108,
-3.4887

 191.6790, 0.1583,
-4.1035

 164.0920, 0.4476,
-3.5887

 137.9780, 0.0108,
-3.4887

 112.6790, 0.1583,
-4.1035

 87.9780, 0.0108,
-3.4887

 64.9780, 0.0108,

-3.4887

■ 42.9780, 0.0108,
-3.4887

■ 22.3910, 0.3002,
-2.9739

■ 247.6790, 0.1583,
-4.1035

■ 247.6790, 0.1583,
-4.1035

■ 239.4060, 0.7858,
-18.7731

■ 252.0650, 1.4470,
2.5740

■ 231.1330, 1.4134,
-33.4426


■ 222.8600, 2.0410,
-48.1122

■ 214.4730, 2.2318,
-62.6818

 206.2000, 2.8594,
-77.3514

 197.9270, 3.4870,
-92.0210

 189.6540, 4.1146,
-106.6906

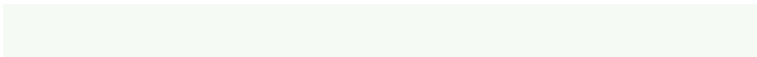
 181.3810, 4.7422,
-121.3601

 173.1080, 5.3698,
-136.0297

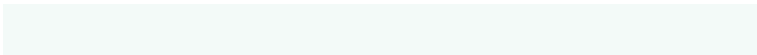
Harmonies

Analogous

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



247.9350, -1.4470, -2.5740



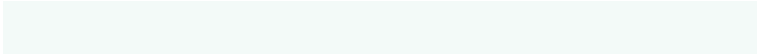
247.6790, 0.1583, -4.1035



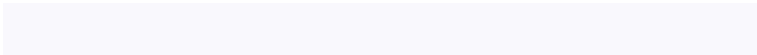
247.7220, 1.6161, -5.0182

Triad

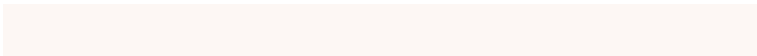
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247.6790, 0.1583, -4.1035



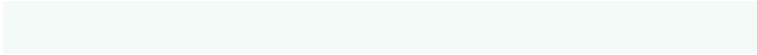
248.8690, 2.0366, 0.1149



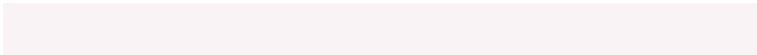
248.4520, -2.1948, 3.9886

Complementary

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



247.6790, 0.1583, -4.1035



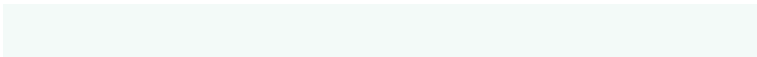
245.3210, -0.1583, 4.1035

Split Complementary

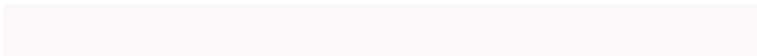
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248.9790, -1.4686, 4.4034



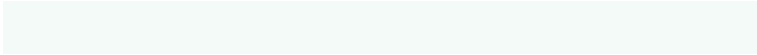
247.6790, 0.1583, -4.1035



248.9510, 1.0102, 2.6740

Square

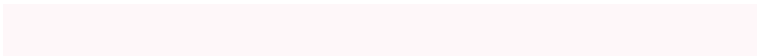
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



247.6790, 0.1583, -4.1035



248.5590, 2.1894, -2.2442



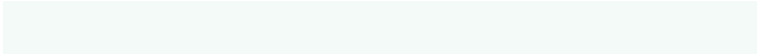
249.3210, -0.1583, 4.1035



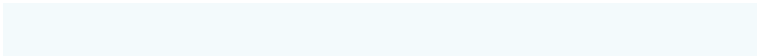
248.3270, -2.6262, 2.3442

Rectangle

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



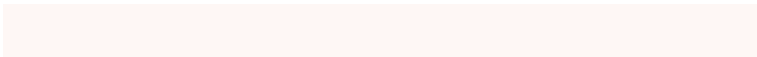
247.6790, 0.1583, -4.1035



248.1350, 1.9054, -4.5034



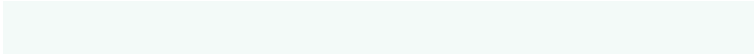
249.3210, -0.1583, 4.1035



248.8650, -1.9054, 4.5034

Sweetspot

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



247.6790, 0.1583, -4.1035



253.9890, 0.0054, -1.7444



247.7070, -2.3206, -2.3740



127.2880, -0.1420, -1.1296



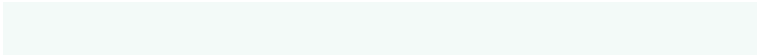
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



247.6790, 0.1583, -4.1035



252.3800, 0.3057, -4.7183



247.3200, 1.3212, -3.7886



123.3910, 0.3002, -2.9739



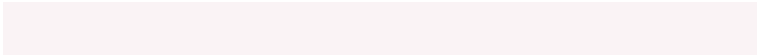
126.3330, 4.2728, -110.7940



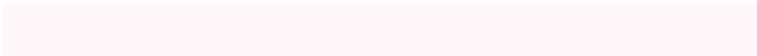
40.8230, 1.5663, -35.8018

Inverse Universe

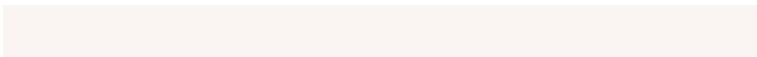
The Inverse Universe completely reimagines the original color for something new.



245.3210, -0.1583, 4.1035



249.7340, 0.1311, 4.6183



245.6800, -1.3212, 3.7886



121.6090, -0.3002, 2.9739



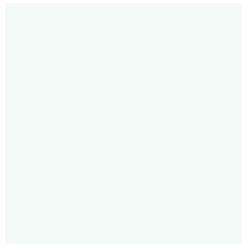
62.6670, -4.2728, 110.7940



20.1770, -1.5663, 35.8018

Previews

White Background



This preview shows how the YUV color 247.6790, 0.1583, -4.1035 looks on a white background.

Color Contrast Check

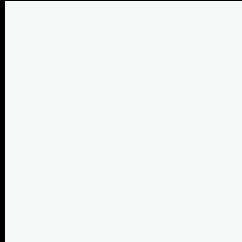
Large Text (above 18pt) WCAG AA × Fail

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 247.6790, 0.1583, -4.1035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

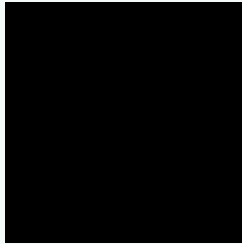
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

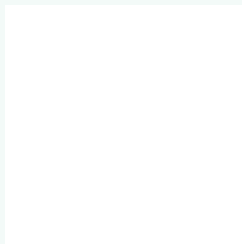
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 247.6790, 0.1583, -4.1035

Background



This preview shows how black text looks on a background with the YUV color 247.6790, 0.1583, -4.1035.



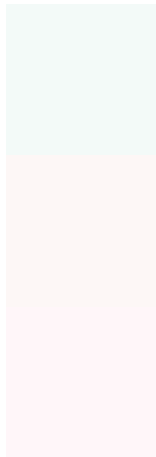
This preview shows how white text looks on a background with the YUV color 247.6790, 0.1583, -4.1035.

-4.135.

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

247.6790, 0.1583, -4.1035

Protanopia

248.6800, -1.3212, 3.7886

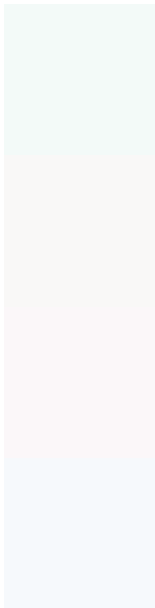
Deuteranopia

249.0330, -0.0163, 5.2331

Tritanopia

248.4990, 3.2050, -1.3146

Trichromacy



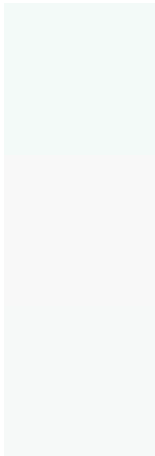
Original Color
247.6790, 0.1583, -4.1035

Protanomaly
248.1850, -0.5842, 0.7148

Deuteranomaly
248.4240, 0.2840, 2.2592

Tritanomaly
248.4450, 1.7526, -2.1443

Monochromacy



Original Color
247.6790, 0.1583, -4.1035

Achromatopsia
248.0000, 0.0000, 0.0000

Achromatomaly
247.9890, 0.0054, -1.7444

CSS Examples

Text

The CSS property to change the color of the text to YUV 247.6790, 0.1583, -4.1035 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(243, 250, 248)` looks like.

```
.text, #text, p{  
    color:rgb(243, 250, 248)  
}
```

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(243, 250, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 250, 248) }
```

Border

The CSS property to change the border of an element to YUV 247.6790, 0.1583, -4.1035 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(243, 250, 248) }
```


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

```
.border{ border-color:rgb(243, 250, 248) }
```

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

Here you see how a box with a 4 pixel rgb(243, 250, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 250, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 250, 248);  
box-shadow:4px 4px 4px 4px rgb(243, 250,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 247.6790, 0.1583, -4.1035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 250, 248) }
```

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

```
.background{ background-color: rgb(243,  
250, 248) }
```

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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awesome pro features!

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