

Converting Colors

YUV(240.0460, -6.4317, 9.6067)

Have a look what the booklet for
YUV(240.0460, -6.4317, 9.6067)
contains.

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Color

**YUV(240.0460, -6.4317,
9.6067)**

Conversions

Conversions Part 1

Format	Color
Hex	FBEDE3
RGB	251, 237, 227
RGB Percent	98%, 93%, 89%
CMY	0.0157, 0.0706, 0.1098
CMYK	0.00, 0.06, 0.10, 0.02
HSL	25°, 75%, 94%
HSV	25°, 10%, 98%
XYZ	83.9330, 86.6237, 84.9693
YIQ	240.0460, 11.5540, -0.1420

Conversions

Conversions Part 2

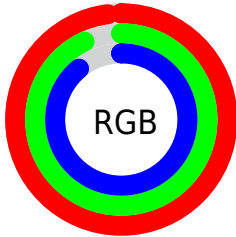
Format	Color
R_{YB}	251, 244, 227
Decimal	16510435
CIE _{Lab}	94.58, 3.07, 6.52
CIE _{LCh}	95, 7.205, 64.805
Yxy	86.6237, 0.3285, 0.3390
Android (android.graphics.Color)	4294700515 (0xFFFFBEDE3)
YUV	240.0460, -6.4317, 9.6067
Hunter-Lab	93.0718, -1.9029, 11.0218

Details

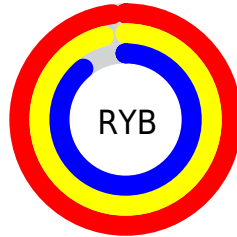
The YUV color $240.0460, -6.4317, 9.6067$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $237.9540, 6.4317, -9.6067$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $183.8610, -5.8475, 8.8919$ is the 20% darker color. If you saturate the color by 10%, you get $228.3910, -13.0108, 19.8281$, and if you desaturate by 10%, it is $251.7010, 0.1474, -0.6148$.

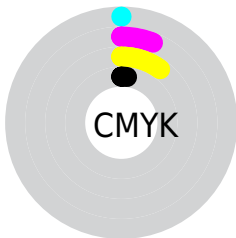
Distribution



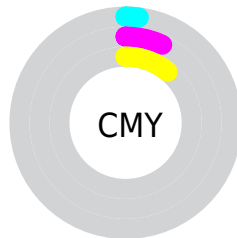
- Red (98%)
- Green (93%)
- Blue (89%)



- Red (98%)
- Yellow (96%)
- Blue (89%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (2%)





- Cyan (2%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.0460, -6.4317, 9.6067 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 240.0460, -6.4317, 9.6067 by changing the saturation by 10% instead.


 240.0460, -6.4317,
9.6067


 240.0460, -6.4317,
9.6067


255.0000, 0.0000,
0.0000


 211.7470, -6.2843,
8.9919

 183.8610, -5.8475,
8.8919

 156.8610, -5.8475,
8.8919

 130.8610, -5.8475,
8.8919

 105.6760, -5.2633,
8.1771

 81.3770, -5.1159,
7.5624

 58.4910, -4.6791,

7.4624

■ 36.8930, -4.3842,
6.2328

■ 15.2200, -7.0105,
8.5771

■ 240.0460, -6.4317,
9.6067

■ 240.0460, -6.4317,
9.6067

■ 228.3910,
-13.0108, 19.8281

■ 251.7010, 0.1474,
-0.6148

■ 217.3230,
-19.8792, 29.5347

■ 253.8040, 0.5896,
-2.4591

■ 205.6680,
-26.4583, 39.7562

■ 194.0130,
-33.0374, 49.9776

■ 182.9450,
-39.9059, 59.6842

■ 171.1760,
-46.9218, 70.0056

■ 160.1080,
-53.7902, 79.7123

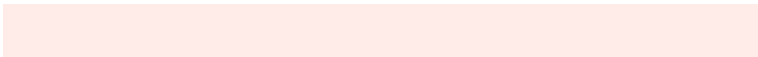
■ 148.4530,
-60.3693, 89.9337

■ 136.7980,
-66.9484, 100.1552

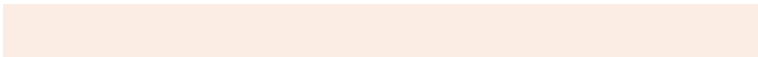
Harmonies

Analogous

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



240.6380, -4.2585, 12.5955



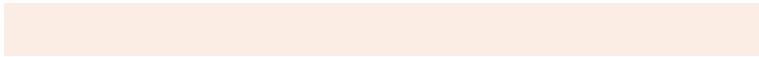
240.0460, -6.4317, 9.6067



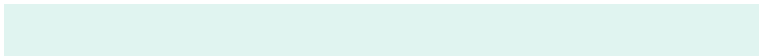
239.0130, -6.4154, 4.3736

Triad

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



240.0460, -6.4317, 9.6067



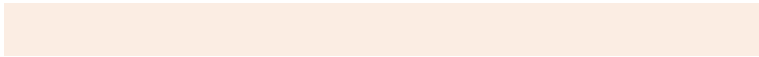
237.5640, 1.2009, -11.8956



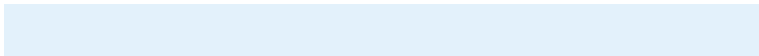
240.0910, 5.3781, 1.6742

Complementary

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



240.0460, -6.4317, 9.6067



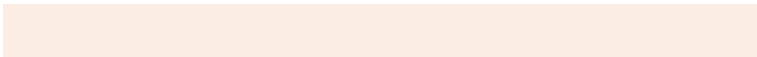
237.9540, 6.4317, -9.6067

Split Complementary

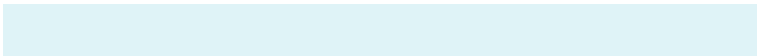
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.6880, 6.5628, -4.9884



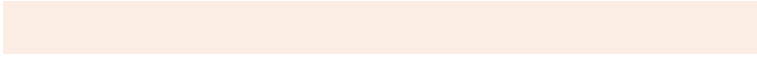
240.0460, -6.4317, 9.6067



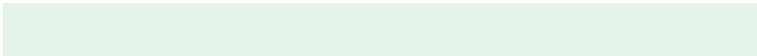
237.4760, 4.6953, -12.6955

Square

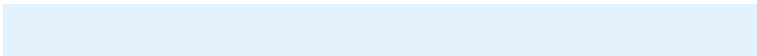
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.0460, -6.4317, 9.6067



237.6740, -2.3043, -7.6071



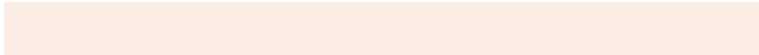
238.6550, 6.5791, -10.2214



241.2120, 1.8675, 7.7071

Rectangle

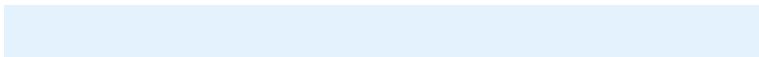
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.0460, -6.4317, 9.6067



238.8060, -5.8204, 0.1701



238.6550, 6.5791, -10.2214



239.8950, 5.9678, -0.7849

Sweetspot

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



240.0460, -6.4317, 9.6067



251.7400, -2.3368, 2.8590



235.7720, 2.5774, 13.3550



125.5550, -1.7526, 2.1443



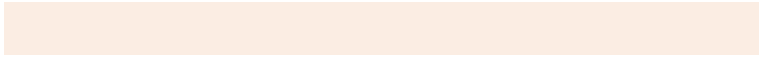
0.0000, 0.0000, 0.0000



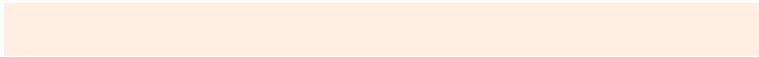
128.0000, 0.0000, 0.0000

Same Dimension

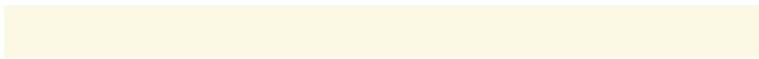
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.0460, -6.4317, 9.6067



242.4160, -7.6001, 11.0362



247.0900, -9.9044, 3.4291



119.4090, -3.6526, 4.9033



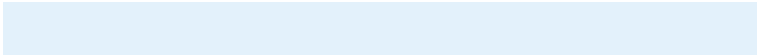
102.8840, -50.7218, 75.5237



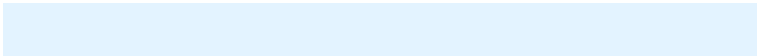
33.5010, -16.5160, 24.1166

Inverse Universe

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



237.9540, 6.4317, -9.6067



239.5840, 7.6001, -11.0362



230.9100, 9.9044, -3.4291



118.1780, 3.3632, -5.4181



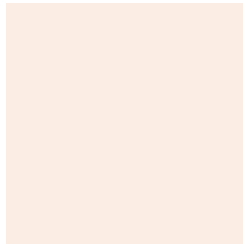
86.1160, 50.7218, -75.5237



28.0860, 16.2266, -24.6314

Previews

White Background



This preview shows how the YUV color 240.0460, -6.4317, 9.6067 looks on a white background.

Color Contrast Check

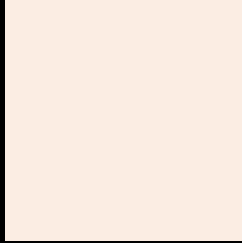
Large Text (above 18pt) WCAG AA × Fail

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 240.0460, -6.4317, 9.6067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

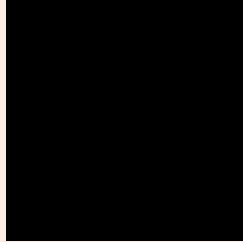
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 240.0460, -6.4317, 9.6067

Background



This preview shows how black text looks on a background with the YUV color 240.0460, -6.4317, 9.6067.



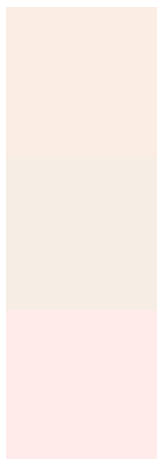
This preview shows how white text looks on a background with the YUV color 240.0460, -6.4317,

9.6067.

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

240.0460, -6.4317, 9.6067

Protanopia

239.2520, -5.5472, 5.9180

Deuteranopia

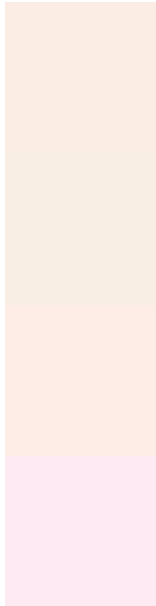
240.7520, -3.8217, 12.4955



Tritanopia

241.4450, 5.2036, 11.0107

Trichromacy



Original Color

240.0460, -6.4317, 9.6067

Protanomaly

239.8500, -5.8420, 7.1476

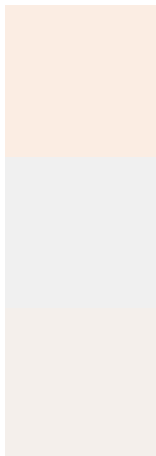
Deuteranomaly

240.8120, -4.8373, 11.5659

Tritanomaly

240.7070, 1.1304, 10.7810

Monochromacy



Original Color

240.0460, -6.4317, 9.6067

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

240.0390, -2.4842, 3.4738

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.0460, -6.4317, 9.6067 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(251, 237, 227)` looks like.

```
.text, #text, p{  
    color:rgb(251, 237, 227)  
}
```

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(251, 237, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 237, 227) }
```

Border

The CSS property to change the border of an element to YUV 240.0460, -6.4317, 9.6067 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(251, 237, 227) }
```


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

```
.border{ border-color:rgb(251, 237, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 237, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 237, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 237, 227);  
box-shadow:4px 4px 4px 4px rgb(251, 237,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 240.0460, -6.4317, 9.6067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 237, 227) }
```

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

```
.background{ background-color: rgb(251,  
237, 227) }
```

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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