

Converting Colors

YUV(134.8400, -4.3581,
-48.9717)

Have a look what the booklet for
YUV(134.8400, -4.3581, -48.9717)
contains.

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Color

**YUV(134.8400, -4.3581,
-48.9717)**

Conversions

Conversions Part 1

Format	Color
Hex	4FA57E
RGB	79, 165, 126
RGB Percent	31%, 65%, 49%
CMY	0.6902, 0.3529, 0.5059
CMYK	0.52, 0.00, 0.24, 0.35
HSL	153°, 35%, 48%
HSV	153°, 52%, 65%
XYZ	20.4455, 30.0789, 24.4669
YIQ	134.8400, -38.7370, -30.3610

Conversions

Conversions Part 2

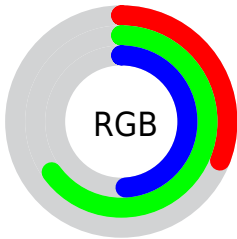
Format	Color
RYB	79, 135, 165
Decimal	5219710
CIELab	61.72, -35.42, 12.41
CIELCh	62, 37.534, 160.689
Yxy	30.0789, 0.2726, 0.4011
Android (android.graphics.Color)	4283409790 (0xFF4FA57E)
YUV	134.8400, -4.3581, -48.9717
Hunter-Lab	54.8442, -29.4341, 11.9407

Details

The YUV color **134.8400, -4.3581, -48.9717** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **109.1600, 4.3581, 48.9717**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.1990, -5.5211, -49.2865**, and **79.3060, -1.1369, -55.5194** is the 20% darker color. If you saturate the color by 10%, you get **128.9590, -4.9098, -58.7230**, and if you desaturate by 10%, it is **140.4220, -3.6590, -39.8351**.

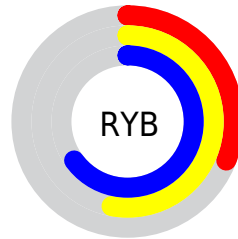
Distribution



Red (31%)

Green (65%)

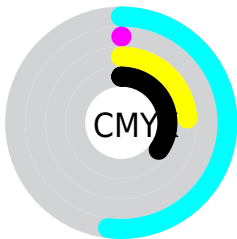
Blue (49%)



Red (31%)

Yellow (53%)

Blue (65%)

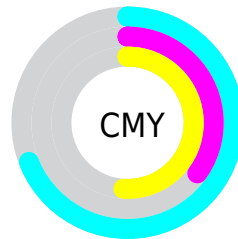


Cyan (52%)

Magenta (0%)

Yellow (24%)

Black (35%)



Cyan (69%)

Magenta (35%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.8400, -4.3581, -48.9717 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 134.8400, -4.3581, -48.9717 by changing the saturation by 10% instead.

■ 134.8400, -4.3581,
-48.9717

■ 134.8400, -4.3581,
-48.9717

■ 255.0000, 0.0000,
0.0000

■ 107.7690, -3.3371,
-49.7864

■ 190.1990, -5.5211,
-49.2865

■ 79.3060, -1.1369,
-55.5194

■ 218.0850, -5.9579,
-49.1865

■ 57.2250, -1.5899,
-50.1863

■ 233.1710, 0.4087,
-37.8610

■ 40.6290, -4.2541,
-35.6316

■ 244.2360, 5.3067,
-22.1320

■ 25.2070, -7.4971,
-22.1065

■ 252.9070, 1.0318,
-4.3034

■ 7.0440, -3.4727,
-6.1776

■ 0.0000, 0.0000,

0.0000

■ 134.8400, -4.3581,
-48.9717

■ 134.8400, -4.3581,
-48.9717

■ 128.9590, -4.9098,
-58.7230

■ 140.4220, -3.6590,
-39.8351

■ 123.2630, -6.0457,
-67.7597

■ 146.4170, -2.6706,
-30.1837

■ 117.3820, -6.5973,
-77.5110

■ 152.2980, -2.1189,
-20.4323

■ 111.6860, -7.7332,
-86.5476

■ 157.9940, -0.9830,
-11.3957

■ 107.1150, -8.4377,
-93.9399

■ 163.5760, -0.2840,
-2.2592

■ 169.5710, 0.7045,
7.3922

■ 175.1530, 1.4036,
16.5288

■ 181.1480, 2.3920,
26.1802

■ 186.7300, 3.0911,
35.3168

Harmonies

Analogous

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



141.4560, -21.9168, -17.0629



134.8400, -4.3581, -48.9717



116.5680, 21.4120, -101.3531

Triad

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



134.8400, -4.3581, -48.9717



146.8530, 33.1035, -24.4271



150.1130, -21.2547, 50.7669

Complementary

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



134.8400, -4.3581, -48.9717



109.1600, 4.3581, 48.9717

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.



151.6200, -6.7147, 53.8303



134.8400, -4.3581, -48.9717



152.8640, 23.2380, 13.2743

Square

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



134.8400, -4.3581, -48.9717



132.9350, 38.4860, -70.9800



153.3700, 9.1846, 40.8945



148.6090, -30.3732, 35.4229

Rectangle

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



134.8400, -4.3581, -48.9717



118.1900, 31.4583, -103.6526



153.3700, 9.1846, 40.8945



150.6880, -16.6082, 53.7706

Sweetspot

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



134.8400, -4.3581, -48.9717



202.1240, -1.5401, -19.4027



141.4420, -30.7839, -19.6816



99.9940, -0.9830, -11.3957



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



134.8400, -4.3581, -48.9717



166.6810, -6.7447, -76.8962



137.5250, 13.5452, -51.3264



78.8530, -0.4205, -5.1331



94.1210, -7.4547, -82.5441



11.7060, -0.8411, -10.2662

Inverse Universe

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



109.1600, 4.3581, 48.9717



126.3190, 6.7447, 76.8962



106.4750, -13.5452, 51.3264



76.1470, 0.4205, 5.1331



50.8790, 7.4547, 82.5441



6.2940, 0.8411, 10.2662

Previews

White Background



This preview shows how the YUV color 134.8400, -4.3581, -48.9717 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 134.8400, -4.3581, -48.9717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

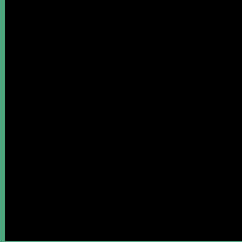
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 134.8400, -4.3581, -48.9717

Background



This preview shows how black text looks on a background with the YUV color 134.8400, -4.3581, -48.9717.



This preview shows how white text looks on a background with the YUV color 134.8400, -4.3581, -48.9717.

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

134.8400, -4.3581, -48.9717

Protanopia

147.5700, -14.5780, 9.1471

Deuteranopia

149.4060, -9.0742, 17.1839



Tritanopia

140.4490, 15.5546, -42.4898

Trichromacy



Original Color

134.8400, -4.3581, -48.9717

Protanomaly

142.7630, -10.7292, -12.0702

Deuteranomaly

144.0070, -7.3985, -7.0221

Tritanomaly

138.1900, 8.2873, -44.8936

Monochromacy



Original Color

134.8400, -4.3581, -48.9717

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.1350, -1.5456, -17.6584

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.8400, -4.3581, -48.9717 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(79, 165, 126)` looks like.

```
.text, #text, p{  
    color:rgb(79, 165, 126)  
}
```

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(79, 165, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 165, 126) }
```

Border

The CSS property to change the border of an element to YUV 134.8400, -4.3581, -48.9717 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(79, 165, 126) }
```


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

```
.border{ border-color:rgb(79, 165, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 165, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 165, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 165, 126);  
box-shadow:4px 4px 4px 4px rgb(79, 165,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 134.8400, -4.3581, -48.9717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 165, 126) }
```

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

```
.background{ background-color: rgb(79, 165,  
126) }
```

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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