

Converting Colors

YUV(148.3960, 9.1718,
-48.5823)

Have a look what the booklet for
YUV(148.3960, 9.1718, -48.5823)
contains.

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Color

**YUV(148.3960, 9.1718,
-48.5823)**

Conversions

Conversions Part 1

Format	Color
Hex	5DADA7
RGB	93, 173, 167
RGB Percent	36%, 68%, 65%
CMY	0.6353, 0.3216, 0.3451
CMYK	0.46, 0.00, 0.03, 0.32
HSL	176°, 33%, 52%
HSV	176°, 46%, 68%
XYZ	26.4328, 35.0043, 41.9226
YIQ	148.3960, -45.7540, -18.8260

Conversions

Conversions Part 2

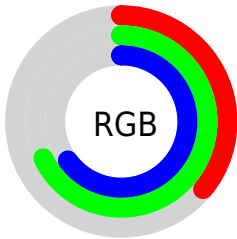
Format	Color
RYB	93, 135, 173
Decimal	6139303
CIELab	65.75, -26.01, -4.55
CIELCh	66, 26.408, 189.915
Yxy	35.0043, 0.2557, 0.3387
Android (android.graphics.Color)	4284329383 (0xFF5DADA7)
YUV	148.3960, 9.1718, -48.5823
Hunter-Lab	59.1644, -23.7896, -0.5964

Details

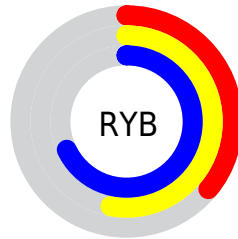
The YUV color **148.3960, 9.1718, -48.5823** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **117.6040, -9.1718, 48.5823**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.9830, 8.8824, -49.0971**, and **94.0150, 10.3456, -51.7562** is the 20% darker color. If you saturate the color by 10%, you get **143.1990, 11.2409, -58.9335**, and if you desaturate by 10%, it is **153.5930, 7.1027, -38.2311**.

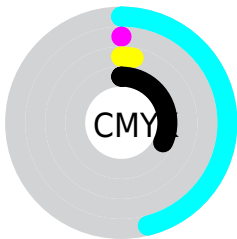
Distribution



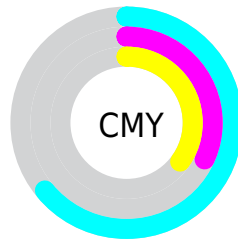
- Red (36%)
- Green (68%)
- Blue (65%)



- Red (36%)
- Yellow (53%)
- Blue (68%)



- Cyan (46%)
- Magenta (0%)
- Yellow (3%)
- Black (32%)



- Cyan (64%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 148.3960, 9.1718, -48.5823 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 148.3960, 9.1718, -48.5823 by changing the saturation by 10% instead.


 148.3960, 9.1718,
-48.5823

 148.3960, 9.1718,
-48.5823


255.0000, 0.0000,
0.0000

 121.2110, 9.7560,
-49.2970


 203.9830, 8.8824,
-49.0971

 94.0150, 10.3456,
-51.7562

 230.9230, 9.8980,
-48.1675

 66.1390, 12.2565,
-58.0039

 240.0500, 7.3704,
-30.7388

 49.3150, 8.7187,
-43.2493

 248.7210, 3.0955,
-12.9103

 33.3060, 5.7651,
-29.2094

 19.7590, 2.0908,
-17.3286

 0.0000, 0.0000,

0.0000

■ 148.3960, 9.1718,
-48.5823

■ 148.3960, 9.1718,
-48.5823

■ 143.1990, 11.2409,
-58.9335

■ 153.5930, 7.1027,
-38.2311

■ 137.5890, 13.0206,
-69.7996

■ 159.2030, 5.3229,
-27.3650

■ 132.3920, 15.0897,
-80.1508

■ 164.4000, 3.2538,
-17.0138

■ 127.1950, 17.1589,
-90.5020

■ 169.5970, 1.1847,
-6.6626

■ 121.6990, 19.3754,
-101.4680

■ 175.0930, -1.0318,
4.3034

■ 119.7910, 19.8230,
-105.0567

■ 180.4040, -2.6642,
14.5547

■ 185.6010, -4.7333,
24.9059

■ 190.7980, -6.8024,
35.2572

■ 196.4080, -8.5821,
46.1232

Harmonies

Analogous

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



151.6510, -4.2649, -32.1429



148.3960, 9.1718, -48.5823



148.2350, 20.0971, -52.8261

Triad

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



148.3960, 9.1718, -48.5823



162.7080, 16.4130, 9.0261



160.1440, -21.7630, 27.0607

Complementary

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



148.3960, 9.1718, -48.5823



117.6040, -9.1718, 48.5823

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.



161.8170, -15.6858, 37.8715



148.3960, 9.1718, -48.5823



163.3100, 6.7492, 28.6691

Square

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



148.3960, 9.1718, -48.5823



158.9760, 23.1828, -15.7650



162.6890, -4.7767, 38.8607



157.9200, -22.1456, 9.7172

Rectangle

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



148.3960, 9.1718, -48.5823



151.0170, 24.1486, -45.6189



162.6890, -4.7767, 38.8607



160.3340, -19.8847, 31.2791

Sweetspot

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



148.3960, 9.1718, -48.5823



214.5030, 3.6960, -18.8581



142.0530, -24.1831, -36.8805



106.2050, 2.3639, -11.5808



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



148.3960, 9.1718, -48.5823



186.1970, 14.1999, -74.7178



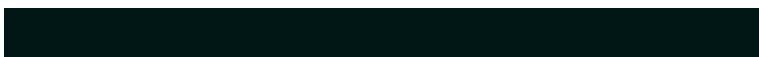
129.7090, 21.3425, -32.1938



84.1950, 0.8899, -5.4330



103.8960, 17.3063, -91.1168



15.8950, 2.5168, -13.9399

Inverse Universe

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



117.6040, -9.1718, 48.5823



138.8030, -14.1999, 74.7178



136.2910, -21.3425, 32.1938



80.8050, -0.8899, 5.4330



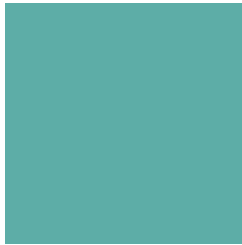
46.1040, -17.3063, 91.1168



7.1050, -2.5168, 13.9399

Previews

White Background



This preview shows how the YUV color 148.3960, 9.1718, -48.5823 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 148.3960, 9.1718, -48.5823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

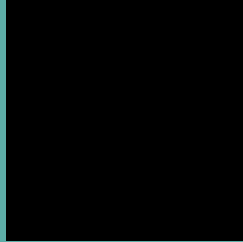
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 148.3960, 9.1718, -48.5823

Background



This preview shows how black text looks on a background with the YUV color 148.3960, 9.1718, -48.5823.

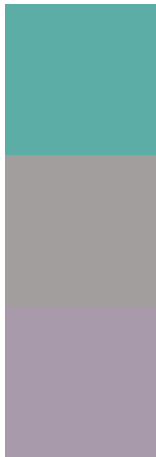


This preview shows how white text looks on a background with the YUV color 148.3960, 9.1718,

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

148.3960, 9.1718, -48.5823

Protanopia

159.1960, -0.5896, 2.4591

Deuteranopia

160.4230, 5.2145, 7.5220



Tritanopia

150.0680, 16.7285, -45.6636

Trichromacy



Original Color

148.3960, 9.1718, -48.5823

Protanomaly

154.9980, 2.9590, -15.7842

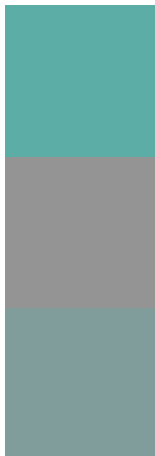
Deuteranomaly

156.0460, 6.8793, -13.1953

Tritanomaly

149.3730, 14.1131, -46.8081

Monochromacy



Original Color

148.3960, 9.1718, -48.5823

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.1010, 3.4012, -17.6286

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.3960, 9.1718, -48.5823 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(93, 173, 167)` looks like.

```
.text, #text, p{  
    color:rgb(93, 173, 167)  
}
```

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(93, 173, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 173, 167) }
```

Border

The CSS property to change the border of an element to YUV 148.3960, 9.1718, -48.5823 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(93, 173, 167) }
```


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

```
.border{ border-color:rgb(93, 173, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 173, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 173, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 173, 167);  
box-shadow:4px 4px 4px 4px rgb(93, 173,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 148.3960, 9.1718, -48.5823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 173, 167) }
```

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

```
.background{ background-color: rgb(93, 173,  
167) }
```

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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