

Converting Colors

YUV(150.9040, -1.4317,
-54.2898)

Have a look what the booklet for
YUV(150.9040, -1.4317, -54.2898)
contains.

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Color

**YUV(150.9040, -1.4317,
-54.2898)**

Conversions

Conversions Part 1

Format	Color
Hex	59B794
RGB	89, 183, 148
RGB Percent	35%, 72%, 58%
CMY	0.6510, 0.2824, 0.4196
CMYK	0.51, 0.00, 0.19, 0.28
HSL	158°, 39%, 53%
HSV	158°, 51%, 72%
XYZ	26.3986, 38.1289, 33.9852
YIQ	150.9040, -44.7890, -30.8130

Conversions

Conversions Part 2

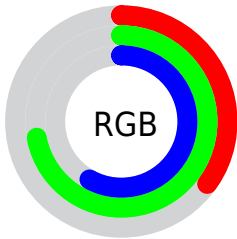
Format	Color
RYB	89, 147, 183
Decimal	5879700
CIELab	68.12, -36.34, 9.36
CIELCh	68, 37.528, 165.557
Yxy	38.1289, 0.2680, 0.3870
Android (android.graphics.Color)	4284069780 (0xFF59B794)
YUV	150.9040, -1.4317, -54.2898
Hunter-Lab	61.7486, -31.7483, 10.5920

Details

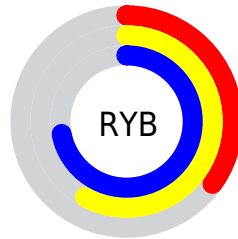
The YUV color **150.9040, -1.4317, -54.2898** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **121.0960, 1.4317, 54.2898**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.2630, -2.5947, -54.6047**, and **94.8540, 1.0580, -59.5080** is the 20% darker color. If you saturate the color by 10%, you get **144.7240, -1.8359, -64.6559**, and if you desaturate by 10%, it is **157.0840, -1.0274, -43.9237**.

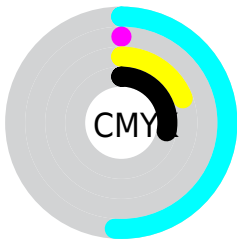
Distribution



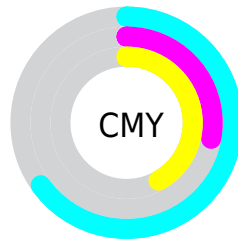
- Red (35%)
- Green (72%)
- Blue (58%)



- Red (35%)
- Yellow (58%)
- Blue (72%)



- Cyan (51%)
- Magenta (0%)
- Yellow (19%)
- Black (28%)



- Cyan (65%)
- Magenta (28%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.9040, -1.4317, -54.2898 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 150.9040, -1.4317, -54.2898 by changing the saturation by 10% instead.

■ 150.9040, -1.4317,
-54.2898

■ 150.9040, -1.4317,
-54.2898

255.0000, 0.0000,
0.0000

■ 123.4200, -0.7001,
-55.6193

■ 207.2630, -2.5947,
-54.6047

■ 94.8540, 1.0580,
-59.5080

■ 227.6320, 1.1674,
-47.9123

■ 69.4840, 2.2264,
-60.9375

■ 239.1530, 7.8126,
-32.5832

■ 52.1870, -0.5852,
-45.7680

■ 247.8240, 3.5378,
-14.7546

■ 35.7050, -2.8126,
-31.3133

■ 21.1150, -7.9447,
-18.5179

■ 0.0000, 0.0000,

0.0000

■ 150.9040, -1.4317,
-54.2898

■ 150.9040, -1.4317,
-54.2898

■ 144.7240, -1.8359,
-64.6559

■ 157.0840, -1.0274,
-43.9237

■ 138.2450, -2.0928,
-75.6369

■ 163.5630, -0.7706,
-32.9428

■ 132.1790, -2.0602,
-86.1030

■ 169.6290, -0.8031,
-22.4766

■ 125.9990, -2.4645,
-96.4691

■ 175.8090, -0.3988,
-12.1105

■ 120.5310, -2.7268,
-105.7057

■ 182.2880, -0.1420,
-1.1296

■ 188.4680, 0.2623,
9.2366

■ 194.6480, 0.6665,
19.6027

■ 200.8280, 1.0708,
29.9688

■ 207.1930, 0.8909,
41.0497

Harmonies

Analogous

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



157.5910, -20.0114, -21.5663



150.9040, -1.4317, -54.2898



139.6340, 21.3794, -90.8870

Triad

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



150.9040, -1.4317, -54.2898



165.3700, 32.3556, -17.8645



167.1300, -23.7281, 50.7520

Complementary

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



150.9040, -1.4317, -54.2898



121.0960, 1.4317, 54.2898

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.



168.5340, -9.6303, 55.6597



150.9040, -1.4317, -54.2898



170.4410, 21.4746, 18.9072

Square

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



150.9040, -1.4317, -54.2898



154.4850, 37.7219, -59.1843



170.1210, 6.8423, 45.4979



164.8430, -31.9676, 33.4637

Rectangle

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



150.9040, -1.4317, -54.2898



131.2750, 35.8534, -113.3742



170.1210, 6.8423, 45.4979



167.5910, -19.5184, 53.8557

Sweetspot

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



150.9040, -1.4317, -54.2898



225.0530, -0.5191, -20.2175



154.9420, -32.5094, -26.2591



112.5100, -0.2514, -12.7253



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



150.9040, -1.4317, -54.2898



186.7770, -2.3551, -84.8734



148.4370, 17.0396, -52.1262



88.8530, -0.4205, -5.1331



102.7440, -2.3388, -90.1065



18.4880, -0.2406, -16.2140

Inverse Universe

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



121.0960, 1.4317, 54.2898



140.2230, 2.3551, 84.8734



123.5630, -17.0396, 52.1262



86.0330, -0.0163, 5.2331



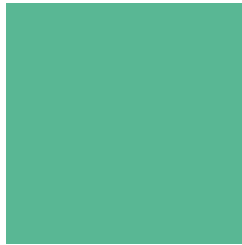
53.2560, 2.3388, 90.1065



9.5120, 0.2406, 16.2140

Previews

White Background



This preview shows how the YUV color 150.9040, -1.4317, -54.2898 looks on a white background.

Color Contrast Check

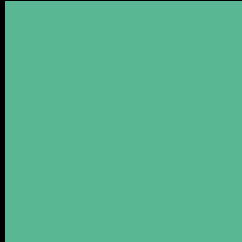
Large Text (above 18pt) WCAG AA × Fail

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 150.9040, -1.4317, -54.2898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

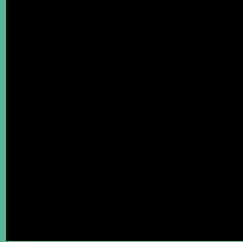
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.9040, -1.4317, -54.2898

Background



This preview shows how black text looks on a background with the YUV color 150.9040, -1.4317, -54.2898.



This preview shows how white text looks on a background with the YUV color 150.9040, -1.4317, -54.2898.

-54.2898.

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

150.9040, -1.4317, -54.2898

Protanopia

164.7270, -12.6834, 8.1324

Deuteranopia

166.0900, -6.4534, 16.5841



Tritanopia

156.1710, 17.1707, -47.5080

Trichromacy



Original Color

150.9040, -1.4317, -54.2898



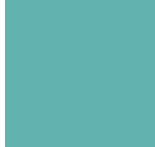
Protanomaly

159.9090, -8.8291, -14.8292



Deuteranomaly

160.6800, -4.7722, -9.3664



Tritanomaly

154.0260, 10.3402, -50.0118

Monochromacy



Original Color

150.9040, -1.4317, -54.2898



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

151.0530, -0.5191, -20.2175

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.9040, -1.4317, -54.2898 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(89, 183, 148)` looks like.

```
.text, #text, p{  
    color:rgb(89, 183, 148)  
}
```

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(89, 183, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 183, 148) }
```

Border

The CSS property to change the border of an element to YUV 150.9040, -1.4317, -54.2898 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(89, 183, 148) }
```


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

```
.border{ border-color:rgb(89, 183, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 183, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 183, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 183, 148);  
box-shadow:4px 4px 4px 4px rgb(89, 183,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 150.9040, -1.4317, -54.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 183, 148) }
```

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

```
.background{ background-color: rgb(89, 183,  
148) }
```

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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