

Converting Colors

YUV(154.4820, 12.0874,
-50.4117)

Have a look what the booklet for
YUV(154.4820, 12.0874, -50.4117)
contains.

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Color

**YUV(154.4820, 12.0874,
-50.4117)**

Conversions

Conversions Part 1

Format	Color
Hex	61B3B3
RGB	97, 179, 179
RGB Percent	38%, 70%, 70%
CMY	0.6196, 0.2980, 0.2980
CMYK	0.46, 0.00, 0.00, 0.30
HSL	180°, 35%, 54%
HSV	180°, 46%, 70%
XYZ	29.1865, 38.0363, 48.4513
YIQ	154.4820, -48.8720, -17.3840

Conversions

Conversions Part 2

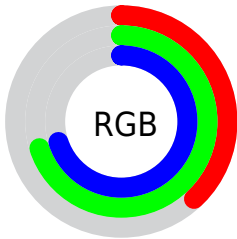
Format	Color
RYB	97, 138, 179
Decimal	6402995
CIELab	68.05, -24.95, -7.78
CIElCh	68, 26.131, 197.324
Yxy	38.0363, 0.2523, 0.3288
Android (android.graphics.Color)	4284593075 (0xFF61B3B3)
YUV	154.4820, 12.0874, -50.4117
Hunter-Lab	61.6735, -23.4549, -3.4073

Details

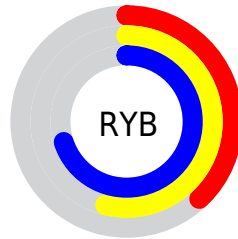
The YUV color **154.4820, 12.0874, -50.4117** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **121.5180, -12.0874, 50.4117**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.4820, 12.0874, -50.4117**, and **99.6880, 12.9718, -54.1004** is the 20% darker color. If you saturate the color by 10%, you get **149.1000, 14.7407, -61.4777**, and if you desaturate by 10%, it is **159.8640, 9.4340, -39.3457**.

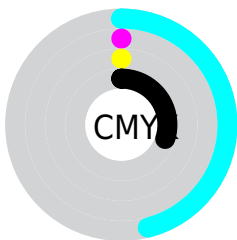
Distribution



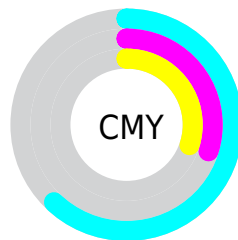
- Red (38%)
- Green (70%)
- Blue (70%)



- Red (38%)
- Yellow (54%)
- Blue (70%)



- Cyan (46%)
- Magenta (0%)
- Yellow (0%)
- Black (30%)



- Cyan (62%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.4820, 12.0874, -50.4117 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 154.4820, 12.0874, -50.4117 by changing the saturation by 10% instead.

■ 154.4820, 12.0874,
-50.4117

■ 154.4820, 12.0874,
-50.4117

■ 255.0000, 0.0000,
0.0000

■ 127.1830, 12.2348,
-51.0265

■ 210.4820, 12.0874,
-50.4117

■ 99.6880, 12.9718,
-54.1004

■ 232.8740, 10.9081,
-45.4935

■ 70.8010, 14.8881,
-62.0925

■ 241.5450, 6.6333,
-27.6650

■ 53.3900, 11.6397,
-46.8230

■ 250.2160, 2.3585,
-9.8364

■ 37.3810, 8.6862,
-32.7831

■ 23.1330, 4.8644,
-20.2876

■ 1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 154.4820, 12.0874,
-50.4117

■ 154.4820, 12.0874,
-50.4117

■ 149.1000, 14.7407,
-61.4777

■ 159.8640, 9.4340,
-39.3457

■ 143.7180, 17.3940,
-72.5437

■ 165.2460, 6.7807,
-28.2797

■ 138.3360, 20.0474,
-83.6097

■ 170.6280, 4.1274,
-17.2138

■ 132.9540, 22.7007,
-94.6757

■ 176.0100, 1.4741,
-6.1478

■ 127.8710, 25.2066,
-105.1269

■ 181.3920, -1.1793,
4.9182

■ 125.4790, 26.3859,
-110.0451

■ 186.4750, -3.6852,
15.3694

■ 191.8570, -6.3385,
26.4354

■ 197.2390, -8.9918,
37.5014

■ 201.7240,
-11.2029, 46.7231

Harmonies

Analogous

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



156.8400, -0.9071, -35.8167



154.4820, 12.0874, -50.4117



156.0010, 21.6915, -50.8669

Triad

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



154.4820, 12.0874, -50.4117



169.1710, 14.2127, 14.7590



165.5950, -22.4783, 23.1572

Complementary

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



154.4820, 12.0874, -50.4117



121.5180, -12.0874, 50.4117

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.



167.0510, -17.2801, 35.9123



154.4820, 12.0874, -50.4117



169.8220, 3.5388, 31.7281

Square

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



154.4820, 12.0874, -50.4117



166.3790, 21.9982, -9.1024



168.8910, -7.8343, 39.5606



163.5280, -20.9663, 4.7989

Rectangle

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



154.4820, 12.0874, -50.4117



159.1640, 24.5691, -40.4858



168.8910, -7.8343, 39.5606



165.9700, -21.1842, 28.0903

Sweetspot

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



154.4820, 12.0874, -50.4117



222.4320, 4.7170, -19.6729



145.1340, -23.7301, -42.2135



111.0200, 2.9481, -12.2955



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



154.4820, 12.0874, -50.4117



193.7280, 18.8681, -78.6915



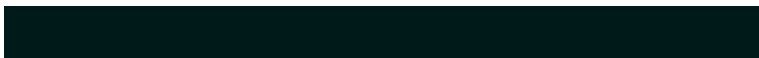
130.4150, 23.9524, -29.3050



86.3090, 1.3267, -5.5330



107.2530, 22.5533, -94.0609



18.2260, 3.8326, -15.9842

Inverse Universe

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



130.8660, 23.7301, 42.2135



156.8640, 37.0420, 65.8943



145.5850, -23.9524, 29.3050



83.7170, 2.6045, 4.6332



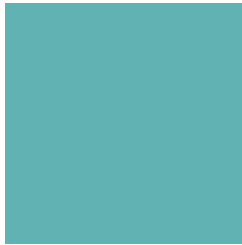
63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848

Previews

White Background



This preview shows how the YUV color 154.4820, 12.0874, -50.4117 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 154.4820, 12.0874, -50.4117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

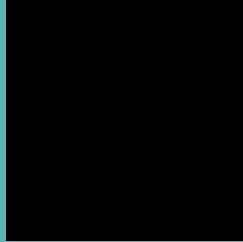
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.4820, 12.0874, -50.4117

Background



This preview shows how black text looks on a background with the YUV color 154.4820, 12.0874, -50.4117.

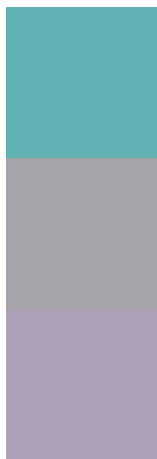


This preview shows how white text looks on a background with the YUV color 154.4820, 12.0874, -50.4117.

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

154.4820, 12.0874, -50.4117

Protanopia

165.2820, 2.3260, 0.6297

Deuteranopia

166.5090, 8.1301, 5.6926



Tritanopia

155.8720, 17.3181, -48.1227

Trichromacy



Original Color

154.4820, 12.0874, -50.4117

Protanomaly

161.0840, 5.8746, -17.6137

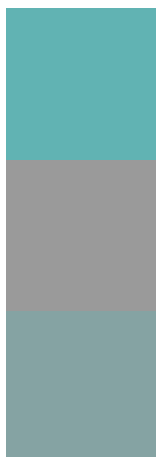
Deuteranomaly

162.1320, 9.7949, -15.0248

Tritanomaly

155.7040, 15.4289, -48.8524

Monochromacy



Original Color

154.4820, 12.0874, -50.4117

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0300, 4.4222, -18.4433

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.4820, 12.0874, -50.4117 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(97, 179, 179)` looks like.

```
.text, #text, p{  
    color:rgb(97, 179, 179)  
}
```

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(97, 179, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 179, 179) }
```

Border

The CSS property to change the border of an element to YUV 154.4820, 12.0874, -50.4117 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(97, 179, 179) }
```


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

```
.border{ border-color:rgb(97, 179, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 179, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 179, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 179, 179);  
box-shadow:4px 4px 4px 4px rgb(97, 179,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 154.4820, 12.0874, -50.4117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 179, 179) }
```

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

```
.background{ background-color: rgb(97, 179,  
179) }
```

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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