

Converting Colors

YUV(154.3170, 15.6197,
-63.4220)

Have a look what the booklet for
YUV(154.3170, 15.6197, -63.4220)
contains.

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Color

**YUV(154.3170, 15.6197,
-63.4220)**

Conversions

Conversions Part 1

Format	Color
Hex	52B9BA
RGB	82, 185, 186
RGB Percent	32%, 73%, 73%
CMY	0.6784, 0.2745, 0.2706
CMYK	0.56, 0.01, 0.00, 0.27
HSL	181°, 43%, 53%
HSV	181°, 56%, 73%
XYZ	29.6916, 40.0369, 52.6174
YIQ	154.3170, -61.7090, -21.5250

Conversions

Conversions Part 2

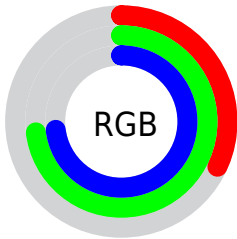
Format	Color
R_{YB}	82, 134, 186
Decimal	5421498
CIE _{Lab}	69.50, -29.25, -9.54
CIE _{LCh}	69, 30.771, 198.062
Yxy	40.0369, 0.2427, 0.3272
Android (android.graphics.Color)	4283611578 (0xFF52B9BA)
YUV	154.3170, 15.6197, -63.4220
Hunter-Lab	63.2747, -26.9700, -5.0115

Details

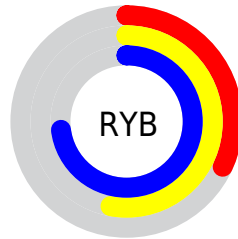
The YUV color **154.3170, 15.6197, -63.4220** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **113.6830, -15.6197, 63.4220**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.2140, 15.1775, -61.5777**, and **92.0590, 20.1839, -80.7357** is the 20% darker color. If you saturate the color by 10%, you get **148.6360, 18.4205, -75.1028**, and if you desaturate by 10%, it is **159.9980, 12.8190, -51.7412**.

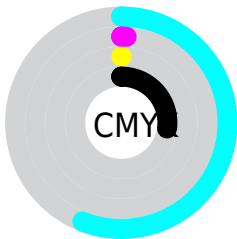
Distribution



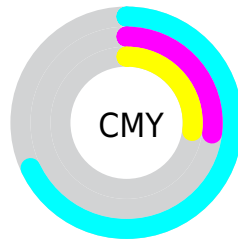
- Red (32%)
- Green (73%)
- Blue (73%)



- Red (32%)
- Yellow (53%)
- Blue (73%)



- Cyan (56%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)



- Cyan (68%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.3170, 15.6197, -63.4220 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 154.3170, 15.6197, -63.4220 by changing the saturation by 10% instead.

■ 154.3170, 15.6197,
-63.4220

■ 154.3170, 15.6197,
-63.4220

■ 255.0000, 0.0000,
0.0000

■ 125.5230, 16.5042,
-67.1107

■ 211.2140, 15.1775,
-61.5777

■ 92.0590, 20.1839,
-80.7357

■ 229.5850, 12.5296,
-52.2560

■ 74.5340, 16.4987,
-65.3663

■ 238.2560, 8.2548,
-34.4275

■ 57.1230, 13.2504,
-50.0969

■ 247.2260, 3.8326,
-15.9842

■ 40.8860, 9.4232,
-35.8570

■ 25.5780, 6.6170,
-22.4319

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 154.3170, 15.6197,
-63.4220

■ 154.3170, 15.6197,
-63.4220

■ 148.6360, 18.4205,
-75.1028

■ 159.9980, 12.8190,
-51.7412

■ 143.2540, 21.0738,
-86.1688

■ 165.3800, 10.1657,
-40.6753

■ 136.9860, 24.1639,
-97.3347

■ 171.6480, 7.0755,
-29.5093

■ 131.6040, 26.8172,
-108.4007

■ 177.0300, 4.4222,
-18.4433

■ 129.2120, 27.9965,
-113.3189

■ 182.7110, 1.6215,
-6.7625

■ 188.3920, -1.1793,
4.9182

■ 193.7740, -3.8326,
15.9842

■ 199.4550, -6.6333,
27.6650

■ 205.4240, -9.5760,
38.2162

Harmonies

Analogous

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



158.1980, -0.5906, -44.0236



154.3170, 15.6197, -63.4220



155.5910, 26.8236, -63.6623

Triad

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



154.3170, 15.6197, -63.4220



173.7630, 16.3858, 17.7478



168.8790, -26.5623, 26.4161

Complementary

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



154.3170, 15.6197, -63.4220



113.6830, -15.6197, 63.4220

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.



171.1720, -20.7908, 41.9452



154.3170, 15.6197, -63.4220



173.9800, 3.9539, 38.6055

Square

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



154.3170, 15.6197, -63.4220



170.6930, 25.7874, -11.1318



172.5930, -9.1663, 46.8379



166.2030, -24.7501, 5.0840

Rectangle

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



154.3170, 15.6197, -63.4220



160.4770, 29.8378, -50.4073



172.5930, -9.1663, 46.8379



169.9660, -25.1262, 32.4788

Sweetspot

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



154.3170, 15.6197, -63.4220



229.7410, 6.0437, -25.2059



143.0480, -30.0967, -53.5391



114.8240, 3.5378, -14.7546



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



154.3170, 15.6197, -63.4220



192.9750, 24.1693, -99.0791



124.3800, 30.3787, -37.1673



89.3090, 1.3267, -5.5330



108.1820, 23.5743, -94.8756



19.6280, 4.1274, -17.2138

Inverse Universe

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



124.8380, 29.6599, 53.6391



146.7920, 46.4445, 83.4974



143.6200, -30.3787, 37.1673



86.7170, 2.6045, 4.6332



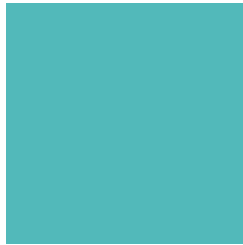
64.2000, 44.2714, 80.5086



11.5640, 8.1029, 14.4144

Previews

White Background



This preview shows how the YUV color 154.3170, 15.6197, -63.4220 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 154.3170, 15.6197, -63.4220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

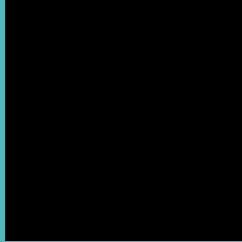
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.3170, 15.6197, -63.4220

Background



This preview shows how black text looks on a background with the YUV color 154.3170, 15.6197, -63.4220.



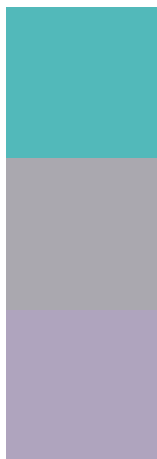
This preview shows how white text looks on a background with the YUV color 154.3170, 15.6197, -63.4220.

-63.4220.

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

154.3170, 15.6197, -63.4220

Protanopia

169.3960, 2.7628, 0.5297

Deuteranopia

170.2530, 9.7353, 4.1631



Tritanopia

156.0060, 20.7030, -60.5183

Trichromacy



Original Color

154.3170, 15.6197, -63.4220

Protanomaly

163.8060, 7.4906, -22.6319

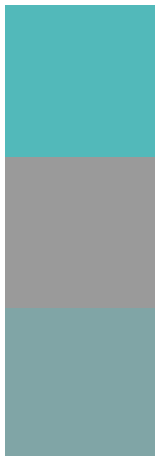
Deuteranomaly

164.6690, 11.9952, -20.7577

Tritanomaly

155.5390, 18.9613, -61.8627

Monochromacy



Original Color

154.3170, 15.6197, -63.4220

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0510, 5.8909, -22.8467

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.3170, 15.6197, -63.4220 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(82, 185, 186)` looks like.

```
.text, #text, p{  
    color:rgb(82, 185, 186)  
}
```

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(82, 185, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 185, 186) }
```

Border

The CSS property to change the border of an element to YUV 154.3170, 15.6197, -63.4220 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(82, 185, 186) }
```


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

```
.border{ border-color:rgb(82, 185, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 185, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 185, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 185, 186);  
box-shadow:4px 4px 4px 4px rgb(82, 185,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 154.3170, 15.6197, -63.4220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 185, 186) }
```

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

```
.background{ background-color: rgb(82, 185,  
186) }
```

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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