

Converting Colors

YUV(153.8500, 17.3290,
-51.6114)

Have a look what the booklet for
YUV(153.8500, 17.3290, -51.6114)
contains.

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Color

**YUV(153.8500, 17.3290,
-51.6114)**

Conversions

Conversions Part 1

Format	Color
Hex	5FB1BD
RGB	95, 177, 189
RGB Percent	37%, 69%, 74%
CMY	0.6275, 0.3059, 0.2588
CMYK	0.50, 0.06, 0.00, 0.26
HSL	188°, 42%, 56%
HSV	188°, 50%, 74%
XYZ	29.6268, 37.5513, 53.8307
YIQ	153.8500, -52.7240, -13.6520

Conversions

Conversions Part 2

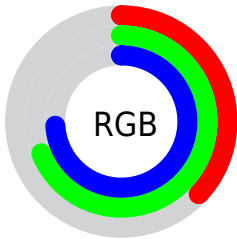
Format	Color
RYB	95, 139, 189
Decimal	6271421
CIELab	67.69, -21.71, -13.85
CIElCh	68, 25.755, 212.540
Yxy	37.5513, 0.2448, 0.3103
Android (android.graphics.Color)	4284461501 (0xFF5FB1BD)
YUV	153.8500, 17.3290, -51.6114
Hunter-Lab	61.2791, -20.9386, -9.1880

Details

The YUV color **153.8500, 17.3290, -51.6114** is a light color, and the websafe version is hex **669999**. A complement of this color would be **130.1500, -17.3290, 51.6114**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.8500, 17.3290, -51.6114**, and **98.1590, 18.6556, -57.1444** is the 20% darker color. If you saturate the color by 10%, you get **146.9950, 20.7085, -62.2626**, and if you desaturate by 10%, it is **160.7050, 13.9494, -40.9603**.

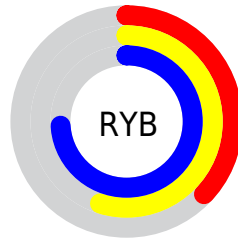
Distribution



Red (37%)

Green (69%)

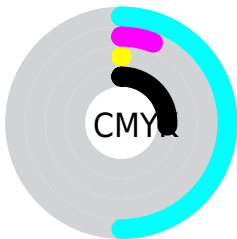
Blue (74%)



Red (37%)

Yellow (55%)

Blue (74%)

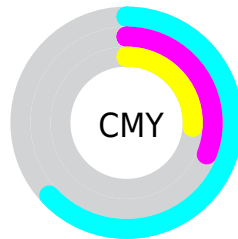


Cyan (50%)

Magenta (6%)

Yellow (0%)

Black (26%)



Cyan (63%)

Magenta (31%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.8500, 17.3290, -51.6114 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 153.8500, 17.3290, -51.6114 by changing the saturation by 10% instead.

■ 153.8500, 17.3290,
-51.6114

■ 153.8500, 17.3290,
-51.6114

■ 255.0000, 0.0000,
0.0000

■ 126.2520, 17.6238,
-52.8410

■ 209.8500, 17.3290,
-51.6114

■ 98.1590, 18.6556,
-57.1444

■ 232.5750, 11.0555,
-46.1083

■ 70.6530, 19.3981,
-61.9627

■ 241.2460, 6.7807,
-28.2797

■ 53.8290, 15.8603,
-47.2080

■ 249.9170, 2.5059,
-10.4512

■ 37.7060, 12.4699,
-33.0682

■ 23.4580, 8.6482,
-20.5727

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 153.8500, 17.3290,
-51.6114

■ 153.8500, 17.3290,
-51.6114

■ 146.9950, 20.7085,
-62.2626

■ 160.7050, 13.9494,
-40.9603

■ 139.5530, 24.3774,
-72.3990

■ 168.1470, 10.2805,
-30.8239

■ 132.6980, 27.7569,
-83.0501

■ 175.0020, 6.9010,
-20.1728

■ 125.2560, 31.4258,
-93.1865

■ 182.4440, 3.2321,
-10.0364

■ 118.4010, 34.8053,
-103.8377

■ 189.2990, -0.1474,
0.6148

■ 195.8550, -3.3795,
10.6512

■ 203.2970, -7.0484,
20.7875

■ 210.1520,
-10.4279, 31.4387

■ 214.6040,
-12.6228, 35.4273

Harmonies

Analogous

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



154.8050, 5.5191, -43.6790



153.8500, 17.3290, -51.6114



157.5120, 23.4116, -42.5450

Triad

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



153.8500, 17.3290, -51.6114



168.5590, 9.0914, 24.0658



163.6540, -22.0144, 14.3354

Complementary

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



153.8500, 17.3290, -51.6114



130.1500, -17.3290, 51.6114

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.



165.5080, -20.4634, 30.2495



153.8500, 17.3290, -51.6114



168.3620, -2.1505, 36.5165

Square

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



153.8500, 17.3290, -51.6114



167.1310, 18.1764, 3.3931



167.2130, -12.9230, 38.4012



160.9720, -17.7342, -5.2374

Rectangle

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



153.8500, 17.3290, -51.6114



161.4150, 23.9524, -29.3050



167.2130, -12.9230, 38.4012



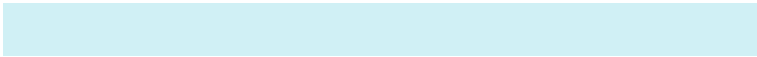
163.9860, -22.1781, 20.1833

Sweetspot

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



153.8500, 17.3290, -51.6114



231.0020, 6.9010, -20.1728



151.4320, -22.3980, -49.4909



114.2480, 3.8217, -12.4955



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.



153.8500, 17.3290, -51.6114



189.8940, 27.1673, -80.5910



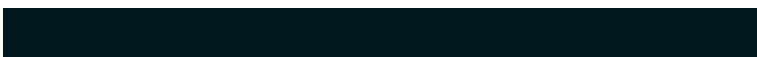
126.8480, 30.6409, -27.9307



90.7220, 1.6161, -5.0182



99.0180, 29.0781, -86.8388



19.3830, 5.7272, -16.9989

Inverse Universe

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



132.4540, 21.9612, 49.5908



156.5450, 34.2413, 77.5750



157.1520, -30.6409, 27.9307



88.6030, 2.1677, 4.7332



62.9740, 36.9878, 83.3378



12.3470, 7.2239, 16.3587

Previews

White Background



This preview shows how the YUV color 153.8500, 17.3290, -51.6114 looks on a white background.

Color Contrast Check

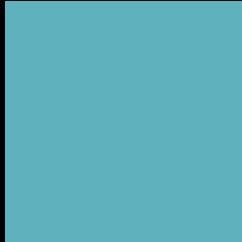
Large Text (above 18pt) WCAG AA × Fail

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 153.8500, 17.3290, -51.6114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

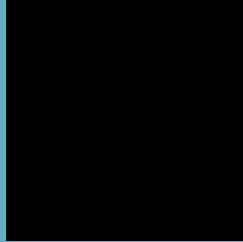
Any Text WCAG AA ✓ Pass

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 153.8500, 17.3290, -51.6114 Background



This preview shows how black text looks on a background with the YUV color 153.8500, 17.3290, -51.6114.



This preview shows how white text looks on a background with the YUV color 153.8500, 17.3290, -51.6114.

-51.6114.

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

153.8500, 17.3290, -51.6114

Protanopia

164.6390, 7.5730, -2.3144

Deuteranopia

165.5560, 13.5299, 0.3894



Tritanopia

154.3770, 18.0551, -51.1966

Trichromacy



Original Color

153.8500, 17.3290, -51.6114

Protanomaly

160.7400, 10.9742, -19.9430

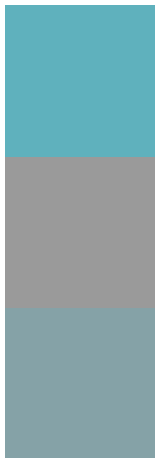
Deuteranomaly

161.1900, 15.1893, -18.5836

Tritanomaly

154.2630, 17.6183, -51.0967

Monochromacy



Original Color

153.8500, 17.3290, -51.6114

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.8990, 6.4588, -18.3284

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.8500, 17.3290, -51.6114 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(95, 177, 189)` looks like.

```
.text, #text, p{  
    color:rgb(95, 177, 189)  
}
```

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(95, 177, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 177, 189) }
```

Border

The CSS property to change the border of an element to YUV 153.8500, 17.3290, -51.6114 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(95, 177, 189) }
```


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

```
.border{ border-color:rgb(95, 177, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 177, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 177, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 177, 189);  
box-shadow:4px 4px 4px 4px rgb(95, 177,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 153.8500, 17.3290, -51.6114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 177, 189) }
```

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

```
.background{ background-color: rgb(95, 177,  
189) }
```

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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