

Converting Colors

YUV(154.9430, -3.9159,
-50.8160)

Have a look what the booklet for
YUV(154.9430, -3.9159, -50.8160)
contains.

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Color

**YUV(154.9430, -3.9159,
-50.8160)**

Conversions

Conversions Part 1

Format	Color
Hex	61BA93
RGB	97, 186, 147
RGB Percent	38%, 73%, 58%
CMY	0.6196, 0.2706, 0.4235
CMYK	0.48, 0.00, 0.21, 0.27
HSL	154°, 39%, 55%
HSV	154°, 48%, 73%
XYZ	27.7551, 39.7658, 33.8165
YIQ	154.9430, -40.5250, -30.9970

Conversions

Conversions Part 2

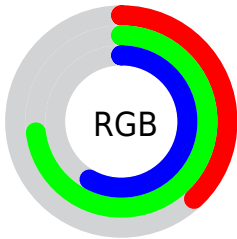
Format	Color
RYB	97, 154, 186
Decimal	6404755
CIELab	69.30, -35.96, 11.63
CIELCh	69, 37.797, 162.077
Yxy	39.7658, 0.2739, 0.3924
Android (android.graphics.Color)	4284594835 (0xFF61BA93)
YUV	154.9430, -3.9159, -50.8160
Hunter-Lab	63.0601, -31.7906, 12.3474

Details

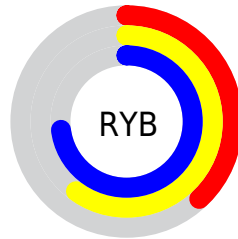
The YUV color **154.9430, -3.9159, -50.8160** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **128.0570, 3.9159, 50.8160**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.0030, -4.9315, -51.7456**, and **100.0890, -2.0159, -53.5751** is the 20% darker color. If you saturate the color by 10%, you get **148.3500, -4.6095, -61.6969**, and if you desaturate by 10%, it is **161.5360, -3.2222, -39.9351**.

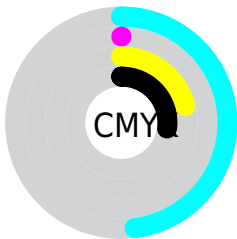
Distribution



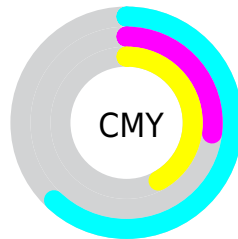
- Red (38%)
- Green (73%)
- Blue (58%)



- Red (38%)
- Yellow (60%)
- Blue (73%)



- Cyan (48%)
- Magenta (0%)
- Yellow (21%)
- Black (27%)





- Cyan (62%)
- Magenta (27%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.9430, -3.9159, -50.8160 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 154.9430, -3.9159, -50.8160 by changing the saturation by 10% instead.


 154.9430, -3.9159,
-50.8160


 154.9430, -3.9159,
-50.8160


255.0000, 0.0000,
0.0000

 127.7580, -3.3317,
-51.5308


 211.0030, -4.9315,
-51.7456


 100.0890, -2.0159,
-53.5751


 229.9100, -0.4486,
-42.8941


 70.5440, 1.2108,
-61.8671

 241.2460, 6.7807,
-28.2797

 53.8340, -1.8902,
-47.2124

 250.2160, 2.3585,
-9.8364

 37.3520, -4.1175,
-32.7577

 22.1750, -8.9603,
-19.4475

 0.0000, 0.0000,

0.0000

■ 154.9430, -3.9159,
-50.8160

■ 154.9430, -3.9159,
-50.8160

■ 148.3500, -4.6095,
-61.6969

■ 161.5360, -3.2222,
-39.9351

■ 142.0560, -5.4506,
-71.9631

■ 167.8300, -2.3812,
-29.6689

■ 135.4630, -6.1443,
-82.8441

■ 174.4230, -1.6875,
-18.7880

■ 129.0550, -7.4221,
-93.0102

■ 180.8310, -0.4097,
-8.6218

■ 122.4620, -8.1158,
-103.8912

■ 187.4240, 0.2840,
2.2592

■ 121.0380, -8.3997,
-106.1503

■ 194.0170, 0.9776,
13.1401

■ 200.3110, 1.8187,
23.4063

■ 206.9040, 2.5123,
34.2872

■ 210.5070, 4.6800,
39.0204

Harmonies

Analogous

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



161.4450, -21.9114, -18.8073



154.9430, -3.9159, -50.8160



144.8580, 18.3110, -86.6985

Triad

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



154.9430, -3.9159, -50.8160



167.9780, 33.5348, -22.7827



170.4830, -22.4231, 52.1964

Complementary

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



154.9430, -3.9159, -50.8160



128.0570, 3.9159, 50.8160

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.



172.2890, -8.0305, 55.8745



154.9430, -3.9159, -50.8160



173.1740, 23.0852, 15.6334

Square

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



154.9430, -3.9159, -50.8160



156.2670, 38.3224, -65.1322



173.5660, 8.5950, 43.3536



168.2670, -31.6836, 35.7228

Rectangle

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



154.9430, -3.9159, -50.8160



136.0260, 33.5112, -108.7708



173.5660, 8.5950, 43.3536



171.0580, -17.7766, 55.2001

Sweetspot

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



154.9430, -3.9159, -50.8160



230.1240, -1.5401, -19.4027



161.2030, -31.6521, -21.2260



114.9940, -0.9830, -11.3957



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.



154.9430, -3.9159, -50.8160



193.8980, -5.8657, -78.8405



157.0410, 14.2768, -52.6560



88.8530, -0.4205, -5.1331



101.4900, -7.1436, -89.0067



18.2600, -1.1142, -16.0140

Inverse Universe

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



128.0570, 3.9159, 50.8160



152.2160, 6.3025, 78.7406



125.9590, -14.2768, 52.6560



86.1470, 0.4205, 5.1331



54.3960, 6.7068, 89.1067



9.7400, 1.1142, 16.0140

Previews

White Background



This preview shows how the YUV color 154.9430, -3.9159, -50.8160 looks on a white background.

Color Contrast Check

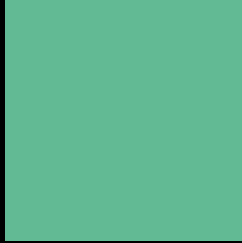
Large Text (above 18pt) WCAG AA × Fail

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 154.9430, -3.9159, -50.8160 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 154.9430, -3.9159, -50.8160 Background



This preview shows how black text looks on a background with the YUV color 154.9430, -3.9159, -50.8160.



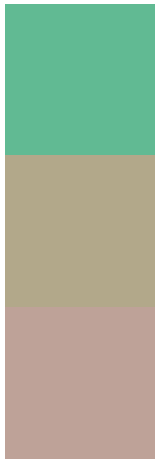
This preview shows how white text looks on a background with the YUV color 154.9430, -3.9159, -50.8160.

-50.8160.

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

154.9430, -3.9159, -50.8160

Protanopia

167.5700, -14.5780, 9.1471

Deuteranopia

169.2320, -8.4954, 18.2135



Tritanopia

160.6660, 16.4337, -44.4341

Trichromacy



Original Color

154.9430, -3.9159, -50.8160



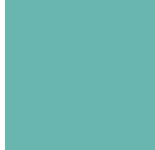
Protanomaly

163.3500, -11.0185, -12.5849



Deuteranomaly

164.1210, -6.9617, -7.1221



Tritanomaly

158.4070, 9.1663, -46.8379

Monochromacy



Original Color

154.9430, -3.9159, -50.8160



Achromatopsia

155.0000, 0.0000, 0.0000



Achromatomaly

154.8360, -1.3981, -18.2732

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.9430, -3.9159, -50.8160 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, 186, 147)` looks like.

```
.text, #text, p{  
    color:rgb(97, 186, 147)  
}
```

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, 186, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 186, 147) }
```

Border

The CSS property to change the border of an element to YUV 154.9430, -3.9159, -50.8160 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, 186, 147) }
```


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

```
.border{ border-color:rgb(97, 186, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 186, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 186, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 186, 147);  
box-shadow:4px 4px 4px 4px rgb(97, 186,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 154.9430, -3.9159, -50.8160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 186, 147) }
```

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

```
.background{ background-color: rgb(97, 186,  
147) }
```

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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