

Converting Colors

YUV(163.0580, -8.4096,
-56.1789)

Have a look what the booklet for
YUV(163.0580, -8.4096, -56.1789)
contains.

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Color

**YUV(163.0580, -8.4096,
-56.1789)**

Conversions

Conversions Part 1

Format	Color
Hex	63C792
RGB	99, 199, 146
RGB Percent	39%, 78%, 57%
CMY	0.6118, 0.2196, 0.4275
CMYK	0.50, 0.00, 0.27, 0.22
HSL	148°, 47%, 58%
HSV	148°, 50%, 78%
XYZ	30.7573, 45.5748, 34.3699
YIQ	163.0580, -42.5870, -37.6830

Conversions

Conversions Part 2

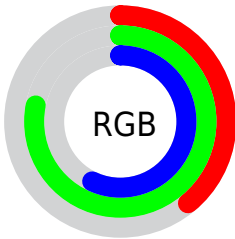
Format	Color
RYB	99, 167, 199
Decimal	6539154
CIELab	73.27, -41.51, 17.74
CIElCh	73, 45.136, 156.863
Yxy	45.5748, 0.2778, 0.4117
Android (android.graphics.Color)	4284729234 (0xFF63C792)
YUV	163.0580, -8.4096, -56.1789
Hunter-Lab	67.5091, -36.8159, 17.0710

Details

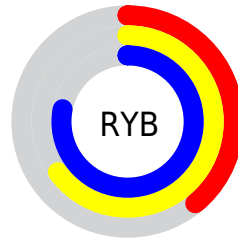
The YUV color **163.0580, -8.4096, -56.1789** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **134.9420, 8.4096, 56.1789**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.8300, -9.2832, -55.9789**, and **107.0190, -5.9254, -59.6527** is the 20% darker color. If you saturate the color by 10%, you get **155.8240, -10.2662, -67.3746**, and if you desaturate by 10%, it is **170.2920, -6.5530, -44.9831**.

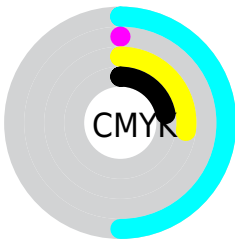
Distribution



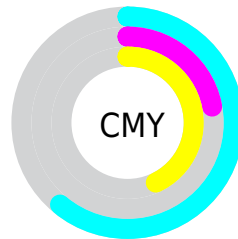
- Red (39%)
- Green (78%)
- Blue (57%)



- Red (39%)
- Yellow (65%)
- Blue (78%)



- Cyan (50%)
- Magenta (0%)
- Yellow (27%)
- Black (22%)



- Cyan (61%)
- Magenta (22%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.0580, -8.4096, -56.1789 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 163.0580, -8.4096, -56.1789 by changing the saturation by 10% instead.

■ 163.0580, -8.4096,
-56.1789

■ 163.0580, -8.4096,
-56.1789

255.0000, 0.0000,
0.0000

■ 134.9870, -7.3886,
-56.9936

■ 218.8300, -9.2832,
-55.9789

■ 107.0190, -5.9254,
-59.6527

■ 230.6930, -1.3276,
-40.9498

■ 77.3600, -3.1355,
-67.8447

■ 242.4420, 6.1911,
-25.8206

■ 60.1770, -5.5103,
-52.7752

■ 251.4120, 1.7689,
-7.3773

■ 42.9940, -7.8850,
-37.7057

■ 26.6430, -12.1490,
-23.3659

■ 11.7400, -5.7878,

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 163.0580, -8.4096,
-56.1789

■ 163.0580, -8.4096,
-56.1789

■ 155.8240,
-10.2662, -67.3746

■ 170.2920, -6.5530,
-44.9831

■ 148.7040,
-11.6861, -78.6704

■ 177.4120, -5.1331,
-33.6873

■ 141.4700,
-13.5427, -89.8662

■ 184.6460, -3.2765,
-22.4915

■ 134.3500,
-14.9625, -101.1619

■ 191.7660, -1.8566,
-11.1958

■ 127.5290,
-16.5298, -111.8429

■ 199.0000, 0.0000,
0.0000

■ 205.8210, 1.5672,
10.6810

■ 213.0550, 3.4239,
21.8768

■ 219.2780, 5.2859,
31.3282

■ 220.5320, 10.0907,
30.2284

Harmonies

Analogous

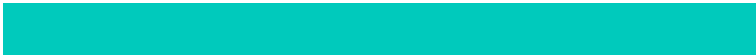
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



170.9200, -29.0476, -16.5928



163.0580, -8.4096, -56.1789



140.0060, 23.6610, -122.7853

Triad

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



163.0580, -8.4096, -56.1789



174.7850, 39.5460, -37.5224



181.1040, -24.2083, 64.8068

Complementary

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



163.0580, -8.4096, -56.1789



134.9420, 8.4096, 56.1789

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.



181.5550, -4.7106, 64.4113



163.0580, -8.4096, -56.1789



184.3890, 30.3742, 11.0598

Square

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



163.0580, -8.4096, -56.1789



150.7330, 51.4036, -107.6368



184.9670, 13.8203, 47.3869



178.6660, -36.8103, 46.7739

Rectangle

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



163.0580, -8.4096, -56.1789



142.6110, 36.1808, -125.0698



184.9670, 13.8203, 47.3869



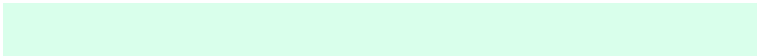
180.2380, -17.3723, 65.5663

Sweetspot

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



163.0580, -8.4096, -56.1789



241.3580, -3.1345, -21.3620



173.5470, -36.7517, -18.8967



119.6410, -2.2880, -12.8402



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



163.0580, -8.4096, -56.1789



200.0190, -12.8274, -85.9627



168.7580, 13.4303, -61.1778



95.7390, -0.8573, -5.0331



104.4590, -13.5373, -91.6105



23.0700, -2.9925, -20.2324

Inverse Universe

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



134.9420, 8.4096, 56.1789



156.9810, 12.8274, 85.9627



129.2420, -13.4303, 61.1778



93.2610, 0.8573, 5.0331



58.5410, 13.5373, 91.6105



12.9300, 2.9925, 20.2324

Previews

White Background



This preview shows how the YUV color 163.0580, -8.4096, -56.1789 looks on a white background.

Color Contrast Check

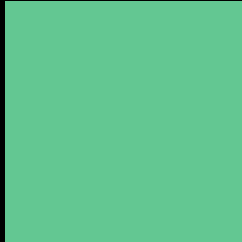
Large Text (above 18pt) WCAG AA × Fail

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 163.0580, -8.4096, -56.1789 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 163.0580, -8.4096, -56.1789

Background



This preview shows how black text looks on a background with the YUV color 163.0580, -8.4096, -56.1789.



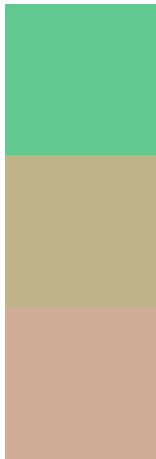
This preview shows how white text looks on a background with the YUV color 163.0580, -8.4096, -56.1789.

-56.1789.

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

163.0580, -8.4096, -56.1789

Protanopia

177.6860, -20.5512, 11.6764

Deuteranopia

179.8860, -13.7478, 22.9020



Tritanopia

170.1000, 18.1917, -48.3227

Trichromacy



Original Color

163.0580, -8.4096, -56.1789



Protanomaly

172.3840, -15.9653, -12.6148



Deuteranomaly

173.8670, -11.7664, -6.0224



Tritanomaly

167.5590, 8.5984, -51.3562

Monochromacy



Original Color

163.0580, -8.4096, -56.1789



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

163.0700, -2.9925, -20.2324

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.0580, -8.4096, -56.1789 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(99, 199, 146)` looks like.

```
.text, #text, p{  
    color:rgb(99, 199, 146)  
}
```

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(99, 199, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 199, 146) }
```

Border

The CSS property to change the border of an element to YUV 163.0580, -8.4096, -56.1789 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(99, 199, 146) }
```


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

```
.border{ border-color:rgb(99, 199, 146) }
```

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

Here you see how a box with a 4 pixel rgb(99, 199, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 199, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 199, 146);  
box-shadow:4px 4px 4px 4px rgb(99, 199,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 163.0580, -8.4096, -56.1789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 199, 146) }
```

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

```
.background{ background-color: rgb(99, 199,  
146) }
```

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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