

Converting Colors

YUV(163.4000, -7.0992,
-56.4788)

Have a look what the booklet for
YUV(163.4000, -7.0992, -56.4788)
contains.

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Color

**YUV(163.4000, -7.0992,
-56.4788)**

Conversions

Conversions Part 1

Format	Color
Hex	63C795
RGB	99, 199, 149
RGB Percent	39%, 78%, 58%
CMY	0.6118, 0.2196, 0.4157
CMYK	0.50, 0.00, 0.25, 0.22
HSL	150°, 47%, 58%
HSV	150°, 50%, 78%
XYZ	30.9938, 45.6694, 35.6153
YIQ	163.4000, -43.5500, -36.7500

Conversions

Conversions Part 2

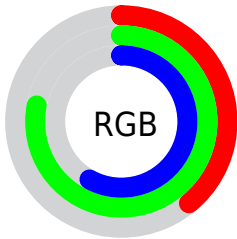
Format	Color
RYB	99, 166, 199
Decimal	6539157
CIELab	73.33, -40.89, 16.22
CIELCh	73, 43.992, 158.370
Yxy	45.6694, 0.2760, 0.4068
Android (android.graphics.Color)	4284729237 (0xFF63C795)
YUV	163.4000, -7.0992, -56.4788
Hunter-Lab	67.5792, -36.3981, 16.0586

Details

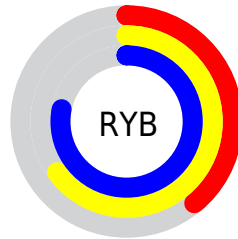
The YUV color **163.4000, -7.0992, -56.4788** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **134.6000, 7.0992, 56.4788**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1720, -7.9728, -56.2788**, and **107.3610, -4.6150, -59.9526** is the 20% darker color. If you saturate the color by 10%, you get **156.2800, -8.5190, -67.7746**, and if you desaturate by 10%, it is **170.5200, -5.6794, -45.1830**.

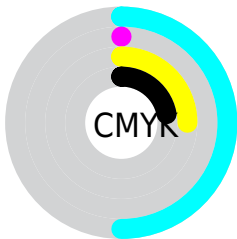
Distribution



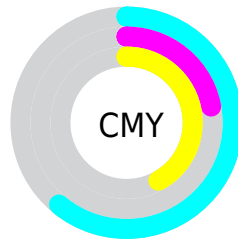
- Red (39%)
- Green (78%)
- Blue (58%)



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



- Cyan (50%)
- Magenta (0%)
- Yellow (25%)
- Black (22%)



- Cyan (61%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.4000, -7.0992, -56.4788 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 163.4000, -7.0992, -56.4788 by changing the saturation by 10% instead.

■ 163.4000, -7.0992,
-56.4788

■ 163.4000, -7.0992,
-56.4788

255.0000, 0.0000,
0.0000

■ 135.3290, -6.0782,
-57.2935

■ 219.1720, -7.9728,
-56.2788

■ 107.3610, -4.6150,
-59.9526

■ 231.0350, -0.0173,
-41.2497

■ 77.7020, -1.8251,
-68.1447

■ 242.4420, 6.1911,
-25.8206

■ 60.4050, -4.6367,
-52.9752

■ 251.4120, 1.7689,
-7.3773

■ 43.3360, -6.5746,
-38.0057

■ 27.0990, -10.4018,
-23.7658

■ 11.7400, -5.7878,

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 163.4000, -7.0992,
-56.4788

■ 163.4000, -7.0992,
-56.4788

■ 156.2800, -8.5190,
-67.7746

■ 170.5200, -5.6794,
-45.1830

■ 149.1600, -9.9389,
-79.0703

■ 177.6400, -4.2595,
-33.8873

■ 142.0400,
-11.3587, -90.3661

■ 184.7600, -2.8397,
-22.5915

■ 134.9200,
-12.7786, -101.6618

■ 191.8800, -1.4198,
-11.2958

■ 128.2130,
-13.9090, -112.4428

■ 199.0000, 0.0000,
0.0000

■ 205.8210, 1.5672,
10.6810

■ 212.9410, 2.9871,
21.9767

■ 219.1640, 4.8491,
31.4282

■ 220.3040, 9.2171,
30.4284

Harmonies

Analogous

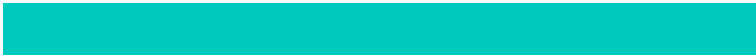
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



170.9630, -27.5898, -17.5076



163.4000, -7.0992, -56.4788



139.6470, 24.8240, -122.4704

Triad

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



163.4000, -7.0992, -56.4788



175.9920, 38.9509, -33.3190



181.0930, -24.2028, 63.0624

Complementary

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



163.4000, -7.0992, -56.4788



134.6000, 7.0992, 56.4788

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.



182.5010, -6.1630, 63.5816



163.4000, -7.0992, -56.4788



184.0580, 29.0584, 13.1041

Square

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



163.4000, -7.0992, -56.4788



156.6100, 48.0133, -93.4970



185.0380, 12.7993, 48.2017



178.7690, -36.3681, 44.9296

Rectangle

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



163.4000, -7.0992, -56.4788



142.7250, 36.6176, -125.1698



185.0380, 12.7993, 48.2017



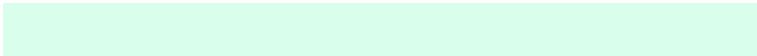
181.2980, -18.3879, 64.6367

Sweetspot

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



163.4000, -7.0992, -56.4788



241.4720, -2.6977, -21.4619



172.6500, -36.3094, -20.7410



119.7550, -1.8512, -12.9401



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.



163.4000, -7.0992, -56.4788



200.5890, -10.6434, -86.4626



169.1000, 14.7407, -61.4777



95.7390, -0.8573, -5.0331



105.0290, -11.3533, -92.1104



23.1840, -2.5557, -20.3324

Inverse Universe

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



134.6000, 7.0992, 56.4788



156.5250, 11.0802, 86.3626



128.9000, -14.7407, 61.4777



93.1470, 0.4205, 5.1331



58.0850, 11.7901, 92.0105



12.8160, 2.5557, 20.3324

Previews

White Background



This preview shows how the YUV color 163.4000, -7.0992, -56.4788 looks on a white background.

Color Contrast Check

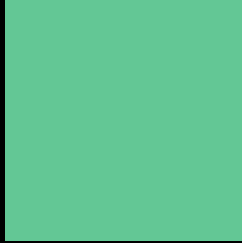
Large Text (above 18pt) WCAG AA × Fail

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 163.4000, -7.0992, -56.4788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

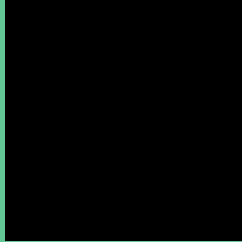
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.4000, -7.0992, -56.4788

Background



This preview shows how black text looks on a background with the YUV color 163.4000, -7.0992, -56.4788.



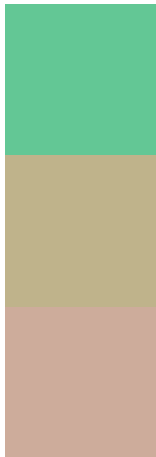
This preview shows how white text looks on a background with the YUV color 163.4000, -7.0992, -56.4788.

-56.4788.

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

163.4000, -7.0992, -56.4788

Protanopia

178.0280, -19.2408, 11.3764

Deuteranopia

179.9290, -12.2900, 21.9873



Tritanopia

170.1000, 18.1917, -48.3227

Trichromacy



Original Color

163.4000, -7.0992, -56.4788



Protanomaly

172.7260, -14.6549, -12.9147



Deuteranomaly

173.9100, -10.3086, -6.9371



Tritanomaly

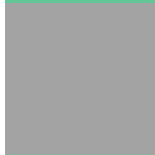
167.6730, 9.0352, -51.4562

Monochromacy



Original Color

163.4000, -7.0992, -56.4788



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

163.1840, -2.5557, -20.3324

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.4000, -7.0992, -56.4788 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(99, 199, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 199, 149) }
```

Border

The CSS property to change the border of an element to YUV 163.4000, -7.0992, -56.4788 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, 149) }
```


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

```
.border{ border-color:rgb(99, 199, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 199, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 199, 149);  
box-shadow:4px 4px 4px 4px rgb(99, 199,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 163.4000, -7.0992, -56.4788 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, 149) }
```

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

```
.background{ background-color: rgb(99, 199,  
149) }
```

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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