

Converting Colors

YUV(167.9100, -3.8996,
-56.0491)

Have a look what the booklet for
YUV(167.9100, -3.8996, -56.0491)
contains.

YUV(167.9100, -3.8996, -56.0491)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(167.9100, -3.8996,
-56.0491)**

Conversions

Conversions Part 1

Format	Color
Hex	68CAA0
RGB	104, 202, 160
RGB Percent	41%, 79%, 63%
CMY	0.5922, 0.2078, 0.3725
CMYK	0.49, 0.00, 0.21, 0.21
HSL	154°, 48%, 60%
HSV	154°, 49%, 79%
XYZ	33.1746, 47.7222, 40.7205
YIQ	167.9100, -44.9260, -33.8380

Conversions

Conversions Part 2

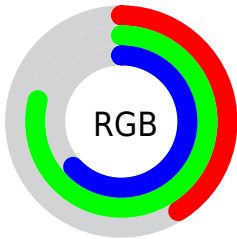
Format	Color
RYB	104, 166, 202
Decimal	6867616
CIELab	74.65, -38.69, 12.20
CIELCh	75, 40.567, 162.502
Yxy	47.7222, 0.2728, 0.3924
Android (android.graphics.Color)	4285057696 (0xFF68CAA0)
YUV	167.9100, -3.8996, -56.0491
Hunter-Lab	69.0812, -35.1718, 13.4079

Details

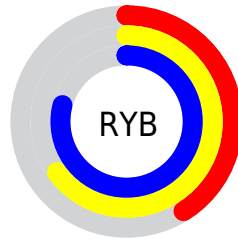
The YUV color **167.9100, -3.8996, -56.0491** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **138.0900, 3.8996, 56.0491**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.0350, -3.4683, -54.4047**, and **112.0560, -1.9996, -58.8081** is the 20% darker color. If you saturate the color by 10%, you get **160.9040, -4.8827, -67.4448**, and if you desaturate by 10%, it is **174.9160, -2.9166, -44.6533**.

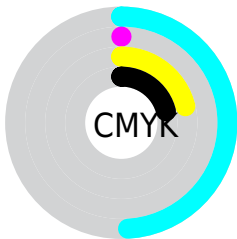
Distribution



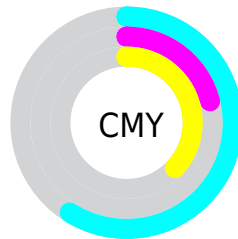
- Red (41%)
- Green (79%)
- Blue (63%)



- Red (41%)
- Yellow (65%)
- Blue (79%)



- Cyan (49%)
- Magenta (0%)
- Yellow (21%)
- Black (21%)



- Cyan (59%)
- Magenta (21%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.9100, -3.8996, -56.0491 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 167.9100, -3.8996, -56.0491 by changing the saturation by 10% instead.

■ 167.9100, -3.8996,
-56.0491

■ 167.9100, -3.8996,
-56.0491

255.0000, 0.0000,
0.0000

■ 140.1380, -3.0260,
-56.2490

■ 222.0350, -3.4683,
-54.4047

■ 112.0560, -1.9996,
-58.8081

■ 233.8980, 4.4873,
-39.3755

■ 80.6030, 1.6747,
-70.6888

■ 243.9370, 5.4541,
-22.7467

■ 63.3060, -1.1369,
-55.5194

■ 252.9070, 1.0318,
-4.3034

■ 46.1230, -3.5116,
-40.4499

■ 30.2280, -6.0284,
-26.5100

■ 14.6750, -7.2348,

-12.8700

■ 0.0000, 0.0000,
0.0000

■ 167.9100, -3.8996,
-56.0491

■ 167.9100, -3.8996,
-56.0491

■ 160.9040, -4.8827,
-67.4448

■ 174.9160, -2.9166,
-44.6533

■ 154.0120, -5.4289,
-78.9405

■ 181.8080, -2.3703,
-33.1576

■ 146.7070, -6.2646,
-90.9510

■ 189.1130, -1.5347,
-21.1471


■ 139.7010, -7.2476,
-102.3468

■ 196.1190, -0.5517,
-9.7514

■ 132.8090, -7.7938,
-113.8425


■ 203.0110, -0.0054,
1.7444

 131.6840, -8.2252,
-115.4869

 210.0170, 0.9776,
13.1401

 217.0230, 1.9607,
24.5358

 220.9250, 3.9810,
29.8838

 221.9510, 7.9122,
28.9840

Harmonies

Analogous

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



174.6790, -23.5057, -20.7665



167.9100, -3.8996, -56.0491



156.1880, 21.1063, -96.6349

Triad

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



167.9100, -3.8996, -56.0491



182.2490, 35.8662, -23.8974



185.2340, -24.7654, 56.7998

Complementary

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



167.9100, -3.8996, -56.0491



138.0900, 3.8996, 56.0491

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.



186.4960, -8.6255, 60.0780



167.9100, -3.8996, -56.0491



188.0540, 25.1164, 17.4926

Square

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



167.9100, -3.8996, -56.0491



169.4450, 41.6856, -70.5503



188.4140, 9.1629, 47.8719



182.8930, -34.4572, 38.6818

Rectangle

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



167.9100, -3.8996, -56.0491



143.9960, 38.9490, -126.2845



188.4140, 9.1629, 47.8719



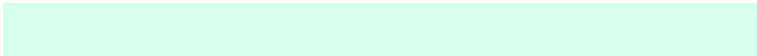
185.2220, -19.8294, 60.3183

Sweetspot

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



167.9100, -3.8996, -56.0491



241.8140, -1.3873, -21.7619



174.0840, -34.5514, -24.6297



119.9830, -0.9776, -13.1401



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.



167.9100, -3.8996, -56.0491



203.5660, -5.7020, -84.6884



168.5890, 16.4716, -56.6446



98.5540, -0.2731, -5.7479



108.2720, -6.5431, -94.9545



24.8140, -1.3873, -21.7619

Inverse Universe

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



138.0900, 3.8996, 56.0491



158.4340, 5.7020, 84.6884



137.4110, -16.4716, 56.6446



95.4460, 0.2731, 5.7479



57.7280, 6.5431, 94.9545



13.1860, 1.3873, 21.7619

Previews

White Background



This preview shows how the YUV color 167.9100, -3.8996, -56.0491 looks on a white background.

Color Contrast Check

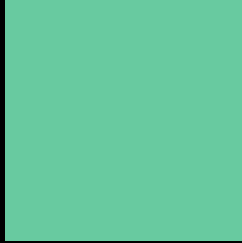
Large Text (above 18pt) WCAG AA × Fail

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 167.9100, -3.8996, -56.0491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

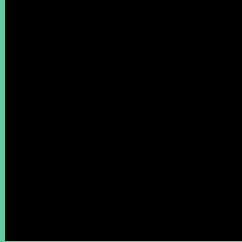
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.9100, -3.8996, -56.0491

Background



This preview shows how black text looks on a background with the YUV color 167.9100, -3.8996, -56.0491.



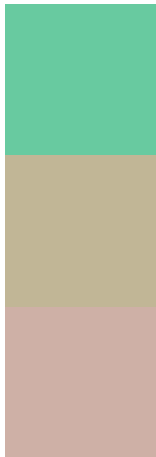
This preview shows how white text looks on a background with the YUV color 167.9100, -3.8996,

-56.0491.

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

167.9100, -3.8996, -56.0491

Protanopia

181.6410, -15.5990, 9.9618

Deuteranopia

183.8300, -8.7902, 19.4431



Tritanopia

173.8010, 18.3391, -48.9375

Trichromacy



Original Color

167.9100, -3.8996, -56.0491



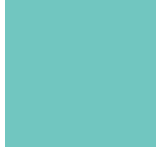
Protanomaly

176.6380, -11.1605, -13.7145



Deuteranomaly

177.8220, -6.8142, -7.7369



Tritanomaly

171.9010, 9.9088, -51.6562

Monochromacy



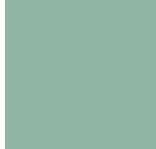
Original Color

167.9100, -3.8996, -56.0491



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.8250, -1.3927, -20.0175

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.9100, -3.8996, -56.0491 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(104, 202, 160)` looks like.

```
.text, #text, p{  
    color:rgb(104, 202, 160)  
}
```

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(104, 202, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 202, 160) }
```

Border

The CSS property to change the border of an element to YUV 167.9100, -3.8996, -56.0491 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(104, 202, 160) }
```


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

```
.border{ border-color:rgb(104, 202, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 202, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 202, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 202, 160);  
box-shadow:4px 4px 4px 4px rgb(104, 202,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 167.9100, -3.8996, -56.0491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 202, 160) }
```

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

```
.background{ background-color: rgb(104,  
202, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor