

Converting Colors

YUV(163.0100, 4.4321,
-68.4148)

Have a look what the booklet for
YUV(163.0100, 4.4321, -68.4148)
contains.

YUV(163.0100, 4.4321, -68.4148)	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(163.0100, 4.4321,
-68.4148)**

Conversions

Conversions Part 1

Format	Color
Hex	55C9AC
RGB	85, 201, 172
RGB Percent	33%, 79%, 67%
CMY	0.6667, 0.2118, 0.3255
CMYK	0.58, 0.00, 0.14, 0.21
HSL	165°, 52%, 56%
HSV	165°, 58%, 79%
XYZ	32.0794, 46.6831, 46.3497
YIQ	163.0100, -59.8270, -33.6110

Conversions

Conversions Part 2

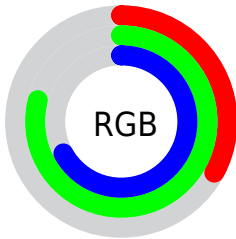
Format	Color
RYB	85, 151, 201
Decimal	5622188
CIELab	73.99, -39.75, 4.70
CIELCh	74, 40.028, 173.258
Yxy	46.6831, 0.2564, 0.3731
Android (android.graphics.Color)	4283812268 (0xFF55C9AC)
YUV	163.0100, 4.4321, -68.4148
Hunter-Lab	68.3251, -35.7612, 7.6069

Details

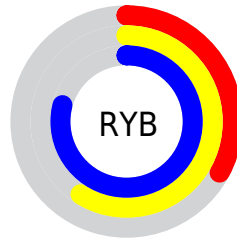
The YUV color **163.0100, 4.4321, -68.4148** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **122.9900, -4.4321, 68.4148**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.6190, 4.1318, -65.4409**, and **99.3820, 10.1647, -87.1580** is the 20% darker color. If you saturate the color by 10%, you get **156.4600, 5.1962, -80.2104**, and if you desaturate by 10%, it is **169.5600, 3.6679, -56.6191**.

Distribution



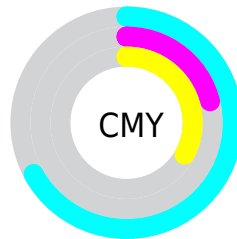
- Red (33%)
- Green (79%)
- Blue (67%)



- Red (33%)
- Yellow (59%)
- Blue (79%)



- Cyan (58%)
- Magenta (0%)
- Yellow (14%)
- Black (21%)



- Cyan (67%)
- Magenta (21%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.0100, 4.4321, -68.4148 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 163.0100, 4.4321, -68.4148 by changing the saturation by 10% instead.

■ 163.0100, 4.4321,
-68.4148

■ 163.0100, 4.4321,
-68.4148

255.0000, 0.0000,
0.0000

■ 133.6290, 5.6059,
-71.5886

■ 218.6190, 4.1318,
-65.4409

■ 99.3820, 10.1647,
-87.1580

■ 230.4820, 12.0874,
-50.4117

■ 81.2700, 6.7689,
-71.2738

■ 239.4520, 7.6652,
-31.9684

■ 63.8590, 3.5205,
-56.0043

■ 248.4220, 3.2430,
-13.5251

■ 46.6760, 1.1457,
-40.9349

■ 30.7810, -1.3710,
-26.9949

■ 13.7290, -5.7824,

-12.0403

■ 0.0000, 0.0000,
0.0000

■ 163.0100, 4.4321,
-68.4148

■ 163.0100, 4.4321,
-68.4148

■ 156.4600, 5.1962,
-80.2104

■ 169.5600, 3.6679,
-56.6191

■ 149.9100, 5.9604,
-92.0061

■ 176.1100, 2.9038,
-44.8235

■ 143.3600, 6.7245,
-103.8017

■ 182.6600, 2.1396,
-33.0278

■ 136.8100, 7.4887,
-115.5974

■ 189.2100, 1.3755,
-21.2322

■ 135.2010, 7.7889,
-118.5713

■ 196.0590, 0.4639,
-8.8217

■ 202.6090, -0.3002,
2.9739

■ 209.1590, -1.0644,
14.7696

■ 215.7090, -1.8285,
26.5652

■ 218.9700, -0.9712,
31.5983

Harmonies

Analogous

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



171.3230, -16.9212, -32.7323



163.0100, 4.4321, -68.4148



149.4020, 29.8748, -109.1006

Triad

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



163.0100, 4.4321, -68.4148



183.1370, 32.4705, -8.0131



182.4630, -28.8223, 51.3369

Complementary

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



163.0100, 4.4321, -68.4148



122.9900, -4.4321, 68.4148

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.



184.3020, -14.4459, 60.2481



163.0100, 4.4321, -68.4148



186.6380, 19.4055, 29.2585

Square

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



163.0100, 4.4321, -68.4148



173.0990, 39.8842, -52.7068



186.1390, 2.8895, 53.3751



180.0120, -35.0089, 28.9305

Rectangle

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



163.0100, 4.4321, -68.4148



149.1270, 40.3634, -113.2444



186.1390, 2.8895, 53.3751



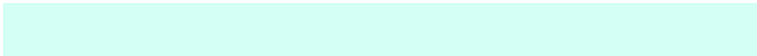
182.9350, -24.6180, 56.1850

Sweetspot

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



163.0100, 4.4321, -68.4148



240.8890, 1.5337, -25.3357



161.7630, -37.8442, -41.8882



119.4280, 0.7750, -15.2844



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.



163.0100, 4.4321, -68.4148



197.3600, 6.7245, -103.8017



149.2930, 25.4916, -56.3850



96.0810, 0.4531, -5.3330



109.5890, 6.1186, -96.1096



24.2100, 1.3755, -21.2322

Inverse Universe

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



122.9900, -4.4321, 68.4148



136.6400, -6.7245, 103.8017



136.7070, -25.4916, 56.3850



92.9190, -0.4531, 5.3330



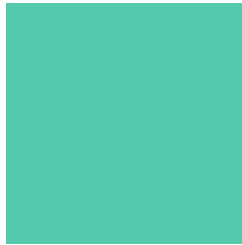
53.4110, -6.1186, 96.1096



11.7900, -1.3755, 21.2322

Previews

White Background



This preview shows how the YUV color 163.0100, 4.4321, -68.4148 looks on a white background.

Color Contrast Check

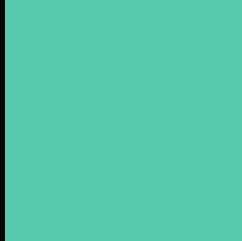
Large Text (above 18pt) WCAG AA × Fail

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 163.0100, 4.4321, -68.4148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

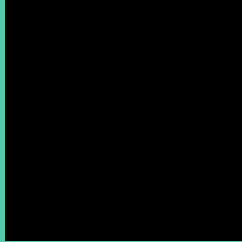
Any Text WCAG AA ✓ Pass

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 163.0100, 4.4321, -68.4148 Background



This preview shows how black text looks on a background with the YUV color 163.0100, 4.4321, -68.4148.



This preview shows how white text looks on a background with the YUV color 163.0100, 4.4321, -68.4148.

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

163.0100, 4.4321, -68.4148

Protanopia

180.2260, -9.4784, 6.8178

Deuteranopia

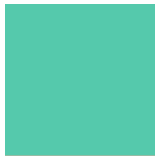
182.5180, -2.2274, 14.4547



Tritanopia

168.1200, 21.1398, -60.6182

Trichromacy



Original Color

163.0100, 4.4321, -68.4148



Protanomaly

174.3150, -4.5923, -20.4473



Deuteranomaly

175.3140, 0.3382, -15.1844



Tritanomaly

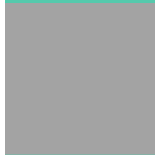
166.2030, 15.1829, -63.3220

Monochromacy



Original Color

163.0100, 4.4321, -68.4148



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

163.1880, 1.3863, -24.7209

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.0100, 4.4321, -68.4148 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(85, 201, 172)` looks like.

```
.text, #text, p{  
    color:rgb(85, 201, 172)  
}
```

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(85, 201, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 201, 172) }
```

Border

The CSS property to change the border of an element to YUV 163.0100, 4.4321, -68.4148 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(85, 201, 172) }
```


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

```
.border{ border-color:rgb(85, 201, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 201, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 201, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 201, 172);  
box-shadow:4px 4px 4px 4px rgb(85, 201,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 163.0100, 4.4321, -68.4148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 201, 172) }
```

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

```
.background{ background-color: rgb(85, 201,  
172) }
```

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