

Converting Colors

YUV(163.0110, 6.8966, 28.0544)

Have a look what the booklet for
YUV(163.0110, 6.8966, 28.0544)
contains.

YUV(163.0110, 6.8966, 28.0544)	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(163.0110, 6.8966,
28.0544)**

Conversions

Conversions Part 1

Format	Color
Hex	C390B1
RGB	195, 144, 177
RGB Percent	76%, 56%, 69%
CMY	0.2353, 0.4353, 0.3059
CMYK	0.00, 0.26, 0.09, 0.24
HSL	321°, 30%, 66%
HSV	321°, 26%, 76%
XYZ	40.4147, 34.7229, 46.1671
YIQ	163.0110, 19.8030, 21.0750

Conversions

Conversions Part 2

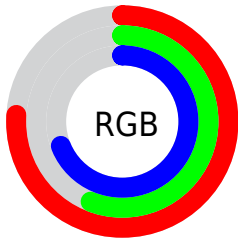
Format	Color
R_{YB}	195, 144, 177
Decimal	12816561
CIE _{Lab}	65.53, 24.55, -9.68
CIE _{LCh}	66, 26.391, 338.484
Yxy	34.7229, 0.3332, 0.2862
Android (android.graphics.Color)	4291006641 (0xFFC390B1)
YUV	163.0110, 6.8966, 28.0544
Hunter-Lab	58.9262, 19.3041, -5.2038

Details

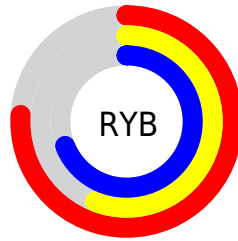
The YUV color **163.0110, 6.8966, 28.0544** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **175.9890, -6.8966, -28.0544**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.1360, 7.3280, 29.6987**, and **110.8860, 6.4652, 26.4100** is the 20% darker color. If you saturate the color by 10%, you get **151.0600, 9.3374, 38.5354**, and if you desaturate by 10%, it is **174.9620, 4.4557, 17.5733**.

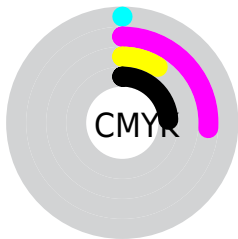
Distribution



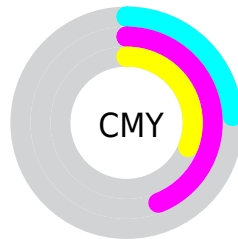
- Red (76%)
- Green (56%)
- Blue (69%)



- Red (76%)
- Yellow (56%)
- Blue (69%)



- Cyan (0%)
- Magenta (26%)
- Yellow (9%)
- Black (24%)





- Cyan (24%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.0110, 6.8966, 28.0544 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 163.0110, 6.8966, 28.0544 by changing the saturation by 10% instead.

 163.0110, 6.8966,
28.0544

 163.0110, 6.8966,
28.0544

255.0000, 0.0000,
0.0000


 136.2990, 6.7546,
26.9248

 218.1360, 7.3280,
29.6987

 110.8860, 6.4652,
26.4100

 237.9770, 8.3923,
14.9292

 86.1740, 6.3232,
25.2804

 62.2770, 6.7654,
23.4361

 38.9780, 6.9128,
22.8213

 16.7930, 7.4971,
22.1065

 3.8590, 0.5625,

6.2627

0.0000, 0.0000,
0.0000

163.0110, 6.8966,
28.0544

163.0110, 6.8966,
28.0544

151.0600, 9.3374,
38.5354

174.9620, 4.4557,
17.5733

138.5220, 12.0677,
49.5312

187.5000, 1.7255,
6.5775

126.5710, 14.5085,
60.0122

200.0380, -1.0047,
-4.4183

114.0330, 17.2387,
71.0081

211.9890, -3.4456,
-14.8994

102.1960, 20.1164,
81.3891

224.4130, -6.6126,
-25.7952

■ 89.6580, 22.8466,
92.3849

■ 232.8420, -7.3171,
-33.1874

■ 77.7070, 25.2874,
102.8660

■ 233.6400, -4.2595,
-33.8873

■ 72.6690, 26.2922,
107.2843

■ 234.4380, -1.2019,
-34.5871

■ 235.2360, 1.8557,
-35.2870

Harmonies

Analogous

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



162.1100, 16.7078, 7.7965



163.0110, 6.8966, 28.0544



162.3900, -4.6293, 38.2460

Triad

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



163.0110, 6.8966, 28.0544



157.2190, -22.2930, 10.3319



147.8220, 19.8078, -53.3409

Complementary

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



163.0110, 6.8966, 28.0544



175.9890, -6.8966, -28.0544

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.



147.5810, 8.5876, -47.8675



163.0110, 6.8966, 28.0544



154.6940, -16.1181, -10.2556

Square

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



163.0110, 6.8966, 28.0544



159.5570, -21.4736, 27.5755



151.1350, -4.9966, -30.8134



152.1640, 24.5691, -40.4858

Rectangle

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



163.0110, 6.8966, 28.0544



161.2670, -11.4706, 39.2308



151.1350, -4.9966, -30.8134



147.3120, 16.6082, -53.7706

Sweetspot

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



163.0110, 6.8966, 28.0544



239.4620, 2.7302, 10.9958



155.1960, 19.6234, 5.9671



119.7990, 1.5781, 7.1923



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.



163.0110, 6.8966, 28.0544



203.1360, 10.7790, 42.8537



160.1610, -4.0234, 30.5538



90.6740, 1.1467, 5.5479



59.9950, 21.6945, 88.5814



12.2610, 4.3083, 18.1881

Inverse Universe

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



163.0110, 6.8966, 28.0544



203.1360, 10.7790, 42.8537



178.8390, 4.0234, -30.5538



90.6740, 1.1467, 5.5479



59.9950, 21.6945, 88.5814



12.2610, 4.3083, 18.1881

Previews

White Background



This preview shows how the YUV color 163.0110, 6.8966, 28.0544 looks on a white background.

Color Contrast Check

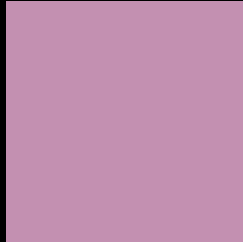
Large Text (above 18pt) WCAG AA × Fail

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 163.0110, 6.8966, 28.0544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

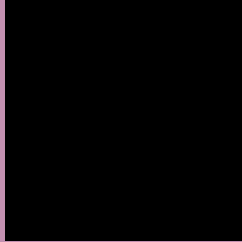
Any Text WCAG AA ✓ Pass

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 163.0110, 6.8966, 28.0544 Background



This preview shows how black text looks on a background with the YUV color 163.0110, 6.8966, 28.0544.



This preview shows how white text looks on a background with the YUV color 163.0110, 6.8966,

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

163.0110, 6.8966, 28.0544

Protanopia

159.9960, 12.8200, -5.2585

Deuteranopia

161.1670, 6.8197, 5.9925



Tritanopia

162.1220, -1.5391, 27.0800

Trichromacy



Original Color

163.0110, 6.8966, 28.0544

Protanomaly

161.2040, 10.7454, 6.8371

Deuteranomaly

161.9230, 6.9400, 14.0995

Tritanomaly

162.6320, 1.6604, 27.5097

Monochromacy



Original Color

163.0110, 6.8966, 28.0544

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.0490, 2.4408, 10.4810

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.0110, 6.8966, 28.0544 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(195, 144, 177)` looks like.

```
.text, #text, p{  
    color:rgb(195, 144, 177)  
}
```

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(195, 144, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 144, 177) }
```

Border

The CSS property to change the border of an element to YUV 163.0110, 6.8966, 28.0544 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(195, 144, 177) }
```


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

```
.border{ border-color:rgb(195, 144, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 144, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 144, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 144, 177);  
box-shadow:4px 4px 4px 4px rgb(195, 144,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 163.0110, 6.8966, 28.0544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 144, 177) }
```

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

```
.background{ background-color: rgb(195,  
144, 177) }
```

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