

# Converting Colors

YUV(148.2880, 13.6620,  
51.4904)

Have a look what the booklet for  
YUV(148.2880, 13.6620, 51.4904)  
contains.

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# Color

**YUV(148.2880, 13.6620,  
51.4904)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CF71B0
RGB	207, 113, 176
RGB Percent	81%, 44%, 69%
CMY	0.1882, 0.5569, 0.3098
CMYK	0.00, 0.45, 0.15, 0.19
HSL	320°, 49%, 63%
HSV	320°, 45%, 81%
XYZ	39.4737, 28.2102, 44.4389
YIQ	148.2880, 35.8010, 39.5210

# Conversions

## Conversions Part 2

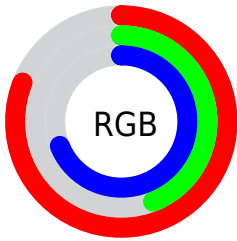
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 113, 176
Decimal	13595056
CIE Lab	60.08, 45.12, -17.18
CIE LCh	60, 48.282, 339.151
Yxy	28.2102, 0.3521, 0.2516
Android (android.graphics.Color)	4291785136 (0xFFCF71B0)
YUV	148.2880, 13.6620, 51.4904
Hunter-Lab	53.1133, 39.7126, -12.4275

# Details

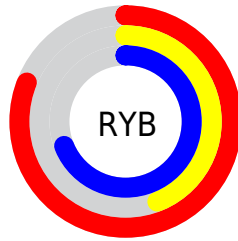
The YUV color **148.2880, 13.6620, 51.4904** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **171.7120, -13.6620, -51.4904**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.7220, 15.4201, 47.6018**, and **94.9780, 13.8148, 49.1313** is the 20% darker color. If you saturate the color by 10%, you get **135.1630, 16.6816, 63.0010**, and if you desaturate by 10%, it is **161.4130, 10.6424, 39.9798**.

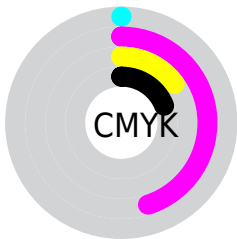
# Distribution



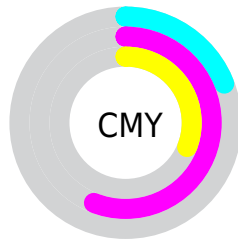
- Red (81%)
- Green (44%)
- Blue (69%)



- Red (81%)
- Yellow (44%)
- Blue (69%)



- Cyan (0%)
- Magenta (45%)
- Yellow (15%)
- Black (19%)



- Cyan (19%)
- Magenta (56%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 148.2880, 13.6620, 51.4904 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 148.2880, 13.6620, 51.4904 by changing the saturation by 10% instead.



■ 148.2880, 13.6620,  
51.4904

■ 148.2880, 13.6620,  
51.4904

255.0000, 0.0000,  
0.0000

■ 121.2770, 13.6674,  
49.7461

■ 200.7220, 15.4201,  
47.6018

■ 94.9780, 13.8148,  
49.1313

■ 219.7800, 17.3635,  
30.8879

■ 67.9070, 14.8358,  
48.3166

■ 236.8030, 8.9711,  
15.9588

■ 37.4390, 18.0246,  
52.2350

253.8260, 0.5788,  
1.0296

■ 27.1570, 12.2476,  
38.4503

■ 18.1850, 6.3178,  
27.0248

■ 1.7940, -0.8844,

3.6887

■ 0.0000, 0.0000,  
0.0000

■ 148.2880, 13.6620,  
51.4904

■ 148.2880, 13.6620,  
51.4904

■ 135.1630, 16.6816,  
63.0010

■ 161.4130, 10.6424,  
39.9798

■ 122.6250, 19.4119,  
73.9969

■ 173.9510, 7.9122,  
28.9840

■ 109.6140, 22.8683,  
85.4075

■ 186.9620, 4.4557,  
17.5733

■ 96.4890, 25.8879,  
96.9181

■ 200.0870, 1.4361,  
6.0627

■ 83.9510, 28.6182,  
107.9140

■ 213.2120, -1.5835,  
-5.4479

■ 77.7390, 30.2017,  
113.3619

■ 225.7500, -4.3137,  
-16.4438

■ 237.1140, -6.4652,  
-26.4100

■ 237.9120, -3.4076,  
-27.1098

■ 238.5960, -0.7868,  
-27.7097

# Harmonies

## Analogous

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



148.5250, 30.8002, 14.4486



148.2880, 13.6620, 51.4904



145.5340, -6.1793, 68.8147

# Triad

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



148.2880, 13.6620, 51.4904



139.6160, -41.2227, 15.2458



118.7260, 38.5891, -104.1227

# Complementary

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



148.2880, 13.6620, 51.4904



171.7120, -13.6620, -51.4904

# 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.



115.3400, 20.5384, -101.1532



148.2880, 13.6620, 51.4904



134.5990, -28.8893, -20.6963

# Square

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



148.2880, 13.6620, 51.4904



142.4870, -38.6941, 44.2999



121.7080, -4.2930, -69.9039



117.6950, 52.4084, -103.2185



# Rectangle

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



148.2880, 13.6620, 51.4904



144.2060, -18.8356, 68.2253



121.7080, -4.2930, -69.9039



117.9450, 33.0581, -103.4378

# Sweetspot

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



148.2880, 13.6620, 51.4904



232.5000, 5.1765, 19.7325



132.6860, 36.6368, 9.0454



114.1740, 2.8722, 12.1254



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.



148.2880, 13.6620, 51.4904



168.8640, 20.2800, 75.5413



143.0440, -6.4307, 56.0894



98.0870, 1.4361, 6.0627



63.1140, 24.5938, 91.9850



15.3370, 5.7499, 22.5065



# Inverse Universe

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



148.2880, 13.6620, 51.4904



168.8640, 20.2800, 75.5413



176.9560, 6.4307, -56.0894



98.0870, 1.4361, 6.0627



63.1140, 24.5938, 91.9850



15.3370, 5.7499, 22.5065



# Previews

## White Background



This preview shows how the YUV color 148.2880, 13.6620, 51.4904 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

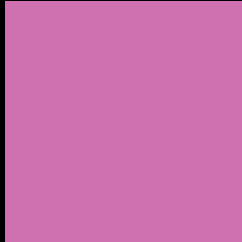
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 148.2880, 13.6620, 51.4904 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

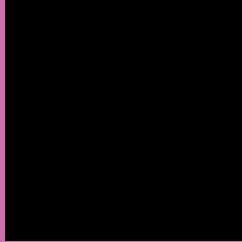
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 148.2880, 13.6620, 51.4904 Background



This preview shows how black text looks on a background with the YUV color 148.2880, 13.6620, 51.4904.



This preview shows how white text looks on a background with the YUV color 148.2880, 13.6620,



# 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

148.2880, 13.6620, 51.4904

### Protanopia

145.0840, 26.0876, -14.1057

### Deuteranopia

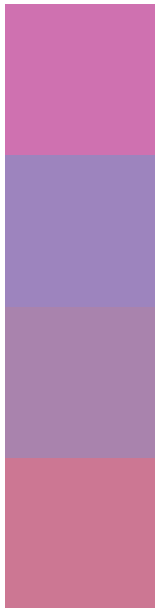
146.8010, 11.9301, 0.1745



## Tritanopia

146.9460, -7.8614, 48.2824

# Trichromacy



## Original Color

148.2880, 13.6620, 51.4904

## Protanomaly

146.0870, 21.6491, 9.5707

## Deuteranomaly

147.1500, 12.7440, 19.1624

## Tritanomaly

147.6070, -0.2993, 49.4567

# Monochromacy



## Original Color

148.2880, 13.6620, 51.4904

## Achromatopsia

148.0000, 0.0000, 0.0000

## Achromatomaly

147.7880, 5.0345, 18.6029

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 148.2880, 13.6620, 51.4904 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(207, 113, 176)` looks like.

```
.text, #text, p{  
    color:rgb(207, 113, 176)  
}
```

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(207, 113, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 113, 176) }
```

## Border

The CSS property to change the border of an element to YUV 148.2880, 13.6620, 51.4904 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(207, 113, 176) }
```



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

```
.border{ border-color:rgb(207, 113, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 113, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 113, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 113, 176);  
box-shadow:4px 4px 4px 4px rgb(207, 113,  
176) }
```

# Background

The CSS property to change the background color of an element to YUV 148.2880, 13.6620, 51.4904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 113, 176) }
```

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

```
.background{ background-color: rgb(207,  
113, 176) }
```

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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