

# Converting Colors

YUV(142.6700, 27.7707,  
52.9094)

Have a look what the booklet for  
YUV(142.6700, 27.7707, 52.9094)  
contains.

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# Color

**YUV(142.6700, 27.7707,  
52.9094)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB65C7
RGB	203, 101, 199
RGB Percent	80%, 40%, 78%
CMY	0.2039, 0.6039, 0.2196
CMYK	0.00, 0.50, 0.02, 0.20
HSL	302°, 50%, 60%
HSV	302°, 50%, 80%
XYZ	39.5911, 26.1274, 56.9892
YIQ	142.6700, 29.3340, 52.1020

# Conversions

## Conversions Part 2

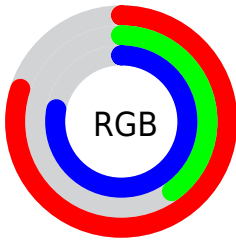
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 101, 199
Decimal	13329863
CIE <sub>Lab</sub>	58.16, 53.77, -33.32
CIE <sub>LCh</sub>	58, 63.255, 328.213
Yxy	26.1274, 0.3226, 0.2129
Android (android.graphics.Color)	4291519943 (0xFFCB65C7)
YUV	142.6700, 27.7707, 52.9094
Hunter-Lab	51.1150, 48.8060, -30.3233

# Details

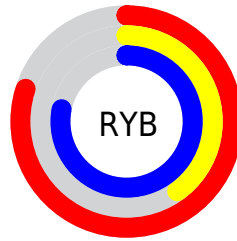
The YUV color **142.6700, 27.7707, 52.9094** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **161.3300, -27.7707, -52.9094**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.8870, 28.6497, 50.9651**, and **87.1860, 28.5023, 51.5799** is the 20% darker color. If you saturate the color by 10%, you get **130.8160, 33.1217, 63.3054**, and if you desaturate by 10%, it is **154.5240, 22.4197, 42.5135**.

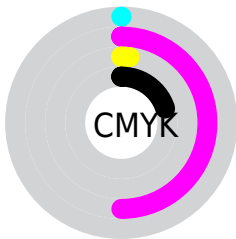
# Distribution



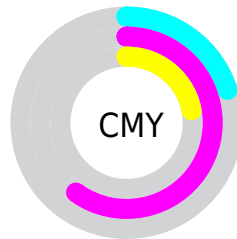
- Red (80%)
- Green (40%)
- Blue (78%)



- Red (80%)
- Yellow (40%)
- Blue (78%)



- Cyan (0%)
- Magenta (50%)
- Yellow (2%)
- Black (20%)




- Cyan (20%)
- Magenta (60%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 142.6700, 27.7707, 52.9094 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 142.6700, 27.7707, 52.9094 by changing the saturation by 10% instead.




 142.6700, 27.7707,  
52.9094


 142.6700, 27.7707,  
52.9094


255.0000, 0.0000,  
0.0000


 114.9580, 27.6287,  
51.7798


 196.8870, 28.6497,  
50.9651


 87.1860, 28.5023,  
51.5799


 213.3230, 20.5468,  
36.5507


 56.1910, 30.9648,  
55.0835

 229.7590, 12.4438,  
22.1364

 38.2240, 27.4976,  
47.1616

 246.7820, 4.0515,  
7.2072

 27.7140, 20.8470,  
33.5768

 18.2150, 14.1910,  
21.7364

 2.8500, 10.9200,

-2.4994

■ 0.0000, 0.0000,  
0.0000

■ 142.6700, 27.7707,  
52.9094

■ 142.6700, 27.7707,  
52.9094

■ 130.8160, 33.1217,  
63.3054

■ 154.5240, 22.4197,  
42.5135

■ 118.3750, 38.7621,  
74.2161

■ 166.9650, 16.7793,  
31.6027

■ 106.6350, 44.5499,  
84.5121

■ 178.7050, 10.9914,  
21.3067

■ 94.7810, 49.9010,  
94.9081

■ 190.5590, 5.6404,  
10.9108

■ 82.9270, 55.2520,  
105.3040

■ 203.0000, 0.0000,  
0.0000

■ 214.8540, -5.3510,  
-10.3960

■ 226.7080,  
-10.7020, -20.7919

■ 233.7520,  
-14.1747, -26.9695

■ 233.8660,  
-13.7379, -27.0695

# Harmonies

## Analogous

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



140.5620, 48.0369, -7.5089



142.6700, 27.7707, 52.9094



136.2170, 4.8230, 86.6327

# Triad

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



142.6700, 27.7707, 52.9094



130.6620, -64.4164, 34.4994



118.6290, 35.6789, -104.0376

# Complementary

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



142.6700, 27.7707, 52.9094



161.3300, -27.7707, -52.9094

# 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.



112.2450, 11.2182, -98.4389



142.6700, 27.7707, 52.9094



126.6870, -49.1457, -10.2495

# Square

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



142.6700, 27.7707, 52.9094



134.9090, -45.3111, 66.7318



107.2860, -14.4380, -82.6888



120.4820, 55.4714, -105.6627



# Rectangle

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



142.6700, 27.7707, 52.9094



134.3690, -12.5069, 91.7614



107.2860, -14.4380, -82.6888



117.1640, 27.5271, -102.7528

# Sweetspot

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



142.6700, 27.7707, 52.9094



232.5800, 10.5601, 19.6623



113.5250, 44.1112, -8.3534



114.3850, 6.2192, 11.9404



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.



142.6700, 27.7707, 52.9094



164.5050, 41.6560, 79.3641



136.9700, 5.9308, 57.9083



96.1300, 2.8939, 5.1480



67.7600, 44.9813, 86.1565



15.5800, 10.5601, 19.6623



# Inverse Universe

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



142.6700, 27.7707, 52.9094



164.5050, 41.6560, 79.3641



167.0300, -5.9308, -57.9083



96.1300, 2.8939, 5.1480



67.7600, 44.9813, 86.1565



15.5800, 10.5601, 19.6623



# Previews

## White Background



This preview shows how the YUV color 142.6700, 27.7707, 52.9094 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

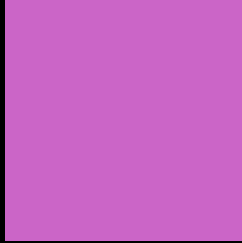
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 142.6700, 27.7707, 52.9094 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

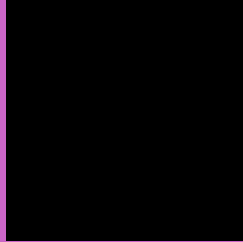
Any Text WCAG AA ✓ Pass

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 142.6700, 27.7707, 52.9094 Background



This preview shows how black text looks on a background with the YUV color 142.6700, 27.7707, 52.9094.



This preview shows how white text looks on a background with the YUV color 142.6700, 27.7707,



# 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

142.6700, 27.7707, 52.9094

### Protanopia

137.3220, 45.1973, -30.1004

### Deuteranopia

139.9700, 25.6508, -14.0057



## Tritanopia

141.7500, -7.2717, 45.8233

# Trichromacy



## Original Color

142.6700, 27.7707, 52.9094



## Protanomaly

139.2010, 38.8479, -0.1763



## Deuteranomaly

141.3520, 26.4485, 10.2153



## Tritanomaly

142.0890, 5.3791, 48.1569

# Monochromacy



## Original Color

142.6700, 27.7707, 52.9094



## Achromatopsia

143.0000, 0.0000, 0.0000



## Achromatomaly

143.0530, 9.8339, 19.2475

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 142.6700, 27.7707, 52.9094 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(203, 101, 199)` looks like.

```
.text, #text, p{  
    color:rgb(203, 101, 199)  
}
```

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(203, 101, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 101, 199) }
```

## Border

The CSS property to change the border of an element to YUV 142.6700, 27.7707, 52.9094 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(203, 101, 199) }
```



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

```
.border{ border-color:rgb(203, 101, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 101, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 101, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 101, 199);  
box-shadow:4px 4px 4px 4px rgb(203, 101,  
199) }
```

# Background

The CSS property to change the background color of an element to YUV 142.6700, 27.7707, 52.9094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 101, 199) }
```

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

```
.background{ background-color: rgb(203,  
101, 199) }
```

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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