

# Converting Colors

YUV(150.6670, 8.5452, 12.5700)

Have a look what the booklet for  
YUV(150.6670, 8.5452, 12.5700)  
contains.

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# Color

**YUV(150.6670, 8.5452,  
12.5700)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A58CA8
RGB	165, 140, 168
RGB Percent	65%, 55%, 66%
CMY	0.3529, 0.4510, 0.3412
CMYK	0.02, 0.17, 0.00, 0.34
HSL	294°, 14%, 60%
HSV	294°, 17%, 66%
XYZ	31.9630, 29.5827, 41.0712
YIQ	150.6670, 5.9120, 14.0080

# Conversions

## Conversions Part 2

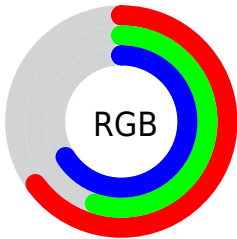
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	165, 140, 168
Decimal	10849448
CIE Lab	61.29, 14.54, -11.24
CIE LCh	61, 18.384, 322.292
Yxy	29.5827, 0.3115, 0.2883
Android (android.graphics.Color)	4289039528 (0xFFA58CA8)
YUV	150.6670, 8.5452, 12.5700
Hunter-Lab	54.3899, 9.7157, -6.6984

# Details

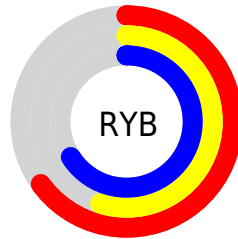
The YUV color **150.6670, 8.5452, 12.5700** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **157.3330, -8.5452, -12.5700**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.0800, 8.8346, 13.0848**, and **99.8410, 7.9664, 11.5404** is the 20% darker color. If you saturate the color by 10%, you get **140.0900, 13.7596, 20.0921**, and if you desaturate by 10%, it is **161.2440, 3.3307, 5.0480**.

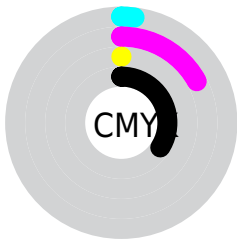
# Distribution



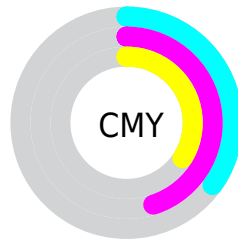
- Red (65%)
- Green (55%)
- Blue (66%)



- Red (65%)
- Yellow (55%)
- Blue (66%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)
- Black (34%)



- Cyan (35%)
- Magenta (45%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 150.6670, 8.5452, 12.5700 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 150.6670, 8.5452, 12.5700 by changing the saturation by 10% instead.



 150.6670, 8.5452,  
12.5700


 150.6670, 8.5452,  
12.5700


255.0000, 0.0000,  
0.0000


 124.6670, 8.5452,  
12.5700


 205.0800, 8.8346,  
13.0848


 99.8410, 7.9664,  
11.5404


 233.4930, 9.1240,  
13.5996

 75.4280, 7.6770,  
11.0256

 252.0650, 1.4470,  
2.5740

 53.0150, 7.3876,  
10.5108

 31.3030, 7.2456,  
9.3813

 10.0260, 7.3822,  
12.2552

 0.0000, 0.0000,

0.0000

150.6670, 8.5452,  
12.5700

150.6670, 8.5452,  
12.5700

140.0900, 13.7596,  
20.0921

161.2440, 3.3307,  
5.0480

129.5130, 18.9741,  
27.6141

171.8210, -1.8838,  
-2.4740

119.8220, 23.7518,  
35.2361

181.5120, -6.6614,  
-10.0960

109.2450, 28.9662,  
42.7581

192.0890,  
-11.8759, -17.6181

98.6680, 34.1807,  
50.2802

202.6660,  
-17.0903, -25.1401

88.0910, 39.3951,  
57.8022

213.2430,  
-22.3048, -32.6621

■ 77.5140, 44.6096,  
65.3242

■ 222.0590,  
-26.6511, -38.6397

■ 67.8230, 49.3873,  
72.9462

■ 222.3580,  
-26.7985, -38.0250

■ 64.0020, 51.2710,  
75.4202

■ 222.9560,  
-27.0933, -36.7954

# Harmonies

## Analogous

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



148.7620, 14.4143, -3.2993



150.6670, 8.5452, 12.5700



151.0830, 0.9451, 23.6062

# Triad

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



150.6670, 8.5452, 12.5700



147.3750, -15.4679, 14.5801



141.1960, 9.2704, -33.4979

# Complementary

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



150.6670, 8.5452, 12.5700



157.3330, -8.5452, -12.5700

# 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.



141.9490, 0.5181, -26.2653



150.6670, 8.5452, 12.5700



146.0420, -13.8247, 0.8402

# Square

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



150.6670, 8.5452, 12.5700



149.1250, -12.8796, 24.4464



144.1480, -7.9610, -13.2848



142.7000, 14.9379, -31.3089



# Rectangle

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



150.6670, 8.5452, 12.5700



151.0250, -4.4493, 27.1651



144.1480, -7.9610, -13.2848



141.1100, 6.3548, -31.6685

# Sweetspot

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



150.6670, 8.5452, 12.5700



212.2440, 3.3307, 5.0480



144.9530, 11.3622, -4.3438



105.5920, 2.1731, 2.9888



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



150.6670, 8.5452, 12.5700



191.9760, 13.3228, 20.1920



150.3100, 3.2982, 15.5141



79.0050, 2.4625, 3.5036



56.3400, 45.1884, 66.3538



7.6620, 6.0826, 9.0664



# Inverse Universe

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



148.7140, -2.8170, 16.9138



188.7260, -4.3019, 26.5503



157.6900, -3.2982, -15.5141



78.5060, -0.7425, 4.8182



46.0760, -14.8275, 89.3873

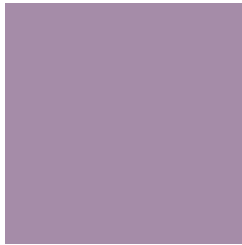


6.2080, -2.0745, 12.0956



# Previews

## White Background



This preview shows how the YUV color 150.6670, 8.5452, 12.5700 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

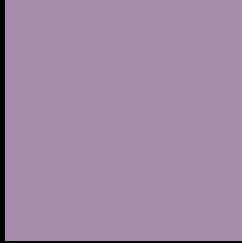
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 150.6670, 8.5452, 12.5700 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 150.6670, 8.5452, 12.5700

## Background



This preview shows how black text looks on a background with the YUV color 150.6670, 8.5452, 12.5700.



This preview shows how white text looks on a background with the YUV color 150.6670, 8.5452,



# 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

150.6670, 8.5452, 12.5700

### Protanopia

148.6540, 11.5096, -4.9586

### Deuteranopia

149.6120, 8.5723, 3.8483



## Tritanopia

149.6470, 2.1460, 11.7106

# Trichromacy



## Original Color

150.6670, 8.5452, 12.5700

## Protanomaly

149.1710, 10.7617, 1.6040

## Deuteranomaly

150.2210, 8.2720, 6.8222

## Tritanomaly

149.9290, 4.4720, 12.3403

# Monochromacy



## Original Color

150.6670, 8.5452, 12.5700

## Achromatopsia

151.0000, 0.0000, 0.0000

## Achromatomaly

150.8310, 3.0413, 4.5332

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 150.6670, 8.5452, 12.5700 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(165, 140, 168)` looks like.

```
.text, #text, p{  
    color:rgb(165, 140, 168)  
}
```

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(165, 140, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 140, 168) }
```

## Border

The CSS property to change the border of an element to YUV 150.6670, 8.5452, 12.5700 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(165, 140, 168) }
```



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

```
.border{ border-color:rgb(165, 140, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 140, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 140, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 140, 168);  
box-shadow:4px 4px 4px 4px rgb(165, 140,  
168) }
```

# Background

The CSS property to change the background color of an element to YUV 150.6670, 8.5452, 12.5700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 140, 168) }
```

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

```
.background{ background-color: rgb(165,  
140, 168) }
```

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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