

# Converting Colors

YUV(154.5110, 8.6221, 34.6319)

Have a look what the booklet for  
YUV(154.5110, 8.6221, 34.6319)  
contains.

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# Color

**YUV(154.5110, 8.6221,  
34.6319)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C283AC
RGB	194, 131, 172
RGB Percent	76%, 51%, 67%
CMY	0.2392, 0.4863, 0.3255
CMYK	0.00, 0.32, 0.11, 0.24
HSL	321°, 34%, 64%
HSV	321°, 32%, 76%
XYZ	37.8108, 30.6805, 42.9588
YIQ	154.5110, 24.3870, 26.1070

# Conversions

## Conversions Part 2

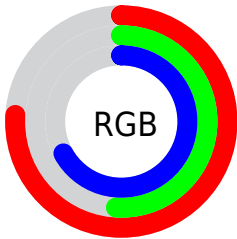
Format	Color
<a href="#">RYB</a>	<a href="#">194, 131, 172</a>
Decimal	<a href="#">12747692</a>
CIELab	<a href="#">62.24, 30.50, -11.80</a>
CIELCh	<a href="#">62, 32.703, 338.856</a>
Yxy	<a href="#">30.6805, 0.3393, 0.2753</a>
Android (android.graphics.Color)	<a href="#">4290937772 (0xFFC283AC)</a>
YUV	<a href="#">154.5110, 8.6221, 34.6319</a>
Hunter-Lab	<a href="#">55.3900, 24.9169, -7.2106</a>

# Details

The YUV color **154.5110, 8.6221, 34.6319** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **170.4890, -8.6221, -34.6319**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.5220, 8.6167, 36.3762**, and **102.2010, 8.7749, 32.2727** is the 20% darker color. If you saturate the color by 10%, you get **142.5600, 11.0629, 45.1129**, and if you desaturate by 10%, it is **166.4620, 6.1812, 24.1508**.

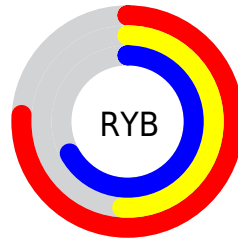
# Distribution



Red (76%)

Green (51%)

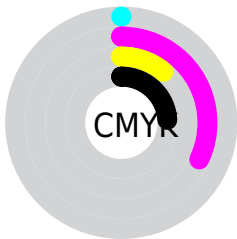
Blue (67%)



Red (76%)

Yellow (51%)

Blue (67%)

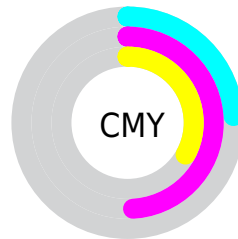


Cyan (0%)

Magenta (32%)

Yellow (11%)

Black (24%)



Cyan (24%)

Magenta (49%)


Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 154.5110, 8.6221, 34.6319 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 154.5110, 8.6221, 34.6319 by changing the saturation by 10% instead.





 154.5110, 8.6221,  
34.6319


 154.5110, 8.6221,  
34.6319

255.0000, 0.0000,  
0.0000

 127.7990, 8.4801,  
33.5023

 209.5220, 8.6167,  
36.3762


 102.2010, 8.7749,  
32.2727

 230.3460, 12.1544,  
21.6216

 77.4890, 8.6329,  
31.1431

 246.7820, 4.0515,  
7.2072

 53.7770, 8.4909,  
30.0136

 29.1190, 9.8013,  
29.7136

 15.7500, 6.0393,  
23.0212

 0.0000, 0.0000,

0.0000

■ 154.5110, 8.6221,  
34.6319

■ 154.5110, 8.6221,  
34.6319

■ 142.5600, 11.0629,  
45.1129

■ 166.4620, 6.1812,  
24.1508

■ 130.0220, 13.7932,  
56.1087

■ 179.0000, 3.4510,  
13.1550

■ 118.1850, 16.6708,  
66.4898

■ 190.8370, 0.5734,  
2.7740

■ 105.6470, 19.4010,  
77.4856

■ 203.3750, -2.1569,  
-8.2219

■ 93.6960, 21.8419,  
87.9666

■ 215.3260, -4.5977,  
-18.7029

■ 81.7450, 24.2827,  
98.4476

■ 227.2770, -7.0386,  
-29.1839

■ 72.3700, 26.4396,  
106.6695

■ 232.6570, -6.7329,  
-33.9022

■ 233.4550, -3.6753,  
-34.6020

■ 234.2530, -0.6177,  
-35.3019

# Harmonies

## Analogous

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



153.8590, 20.7755, 9.7707



154.5110, 8.6221, 34.6319



153.3310, -5.0932, 47.0677

# Triad

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



154.5110, 8.6221, 34.6319



147.2640, -27.2452, 12.0465



129.1330, 28.0354, -79.0466

# Complementary

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



154.5110, 8.6221, 34.6319



170.4890, -8.6221, -34.6319

# 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.



132.4970, 12.5730, -66.2109



154.5110, 8.6221, 34.6319



144.0590, -19.7491, -12.3297

# Square

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



154.5110, 8.6221, 34.6319



150.3250, -26.2892, 32.1640



139.0800, -4.9694, -39.5352



139.0140, 32.0381, -56.1403



# Rectangle

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



154.5110, 8.6221, 34.6319



152.0400, -13.8237, 47.3229



139.0800, -4.9694, -39.5352



128.6940, 23.8149, -78.6616

# Sweetspot

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



154.5110, 8.6221, 34.6319



236.4130, 3.7404, 13.6698



144.4610, 24.4227, 6.6117



117.9240, 2.0095, 8.8367



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.



154.5110, 8.6221, 34.6319



190.5980, 13.5092, 53.8496



151.0910, -4.4819, 37.6312



90.7880, 1.5835, 5.4479



60.1090, 22.1313, 88.4814



12.3750, 4.7451, 18.0881



# Inverse Universe

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



154.5110, 8.6221, 34.6319



190.5980, 13.5092, 53.8496



173.9090, 4.4819, -37.6312



90.7880, 1.5835, 5.4479



60.1090, 22.1313, 88.4814



12.3750, 4.7451, 18.0881



# Previews

## White Background



This preview shows how the YUV color 154.5110, 8.6221, 34.6319 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

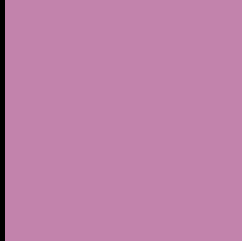
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 154.5110, 8.6221, 34.6319 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 154.5110, 8.6221, 34.6319

## Background



This preview shows how black text looks on a background with the YUV color 154.5110, 8.6221, 34.6319.



This preview shows how white text looks on a background with the YUV color 154.5110, 8.6221,



# 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

154.5110, 8.6221, 34.6319

### Protanopia

151.1960, 16.1724, -7.1879

### Deuteranopia

152.4980, 8.1355, 3.9483



## Tritanopia

153.5850, -3.7394, 32.8130

# Trichromacy



## Original Color

154.5110, 8.6221, 34.6319

## Protanomaly

152.3120, 13.6502, 8.4964

## Deuteranomaly

152.9770, 8.3923, 14.9292

## Tritanomaly

153.7360, 0.6232, 33.5575

# Monochromacy



## Original Color

154.5110, 8.6221, 34.6319

## Achromatopsia

155.0000, 0.0000, 0.0000

## Achromatomaly

154.5870, 3.1616, 12.6402

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 154.5110, 8.6221, 34.6319 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(194, 131, 172)` looks like.

```
.text, #text, p{  
    color:rgb(194, 131, 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(194, 131, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 131, 172) }
```

## Border

The CSS property to change the border of an element to YUV 154.5110, 8.6221, 34.6319 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(194, 131, 172) }
```



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

```
.border{ border-color:rgb(194, 131, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 131, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 131, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 131, 172);  
box-shadow:4px 4px 4px 4px rgb(194, 131,  
172) }
```

# Background

The CSS property to change the background color of an element to YUV 154.5110, 8.6221, 34.6319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 131, 172) }
```

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

```
.background{ background-color: rgb(194,  
131, 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](#).

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