

# Converting Colors

YUV(154.1580, 27.5301,  
36.6954)

Have a look what the booklet for  
YUV(154.1580, 27.5301, 36.6954)  
contains.

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# Color

**YUV(154.1580, 27.5301,  
36.6954)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C47AD2
RGB	196, 122, 210
RGB Percent	77%, 48%, 82%
CMY	0.2314, 0.5216, 0.1765
CMYK	0.07, 0.42, 0.00, 0.18
HSL	290°, 49%, 65%
HSV	290°, 42%, 82%
XYZ	41.3573, 30.3080, 64.6430
YIQ	154.1580, 15.8560, 43.0560

# Conversions

## Conversions Part 2

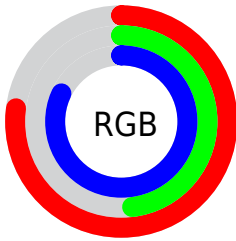
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 122, 210
Decimal	12876498
CIE <sub>Lab</sub>	61.92, 43.03, -33.75
CIE <sub>LCh</sub>	62, 54.685, 321.890
Yxy	30.3080, 0.3034, 0.2223
Android (android.graphics.Color)	4291066578 (0xFFC47AD2)
YUV	154.1580, 27.5301, 36.6954
Hunter-Lab	55.0527, 37.7528, -31.0816

# Details

The YUV color **154.1580, 27.5301, 36.6954** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **177.8420, -27.5301, -36.6954**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.3280, 23.0093, 40.0543**, and **101.5060, 26.3725, 34.6362** is the 20% darker color. If you saturate the color by 10%, you get **140.9340, 34.0495, 45.6619**, and if you desaturate by 10%, it is **167.3820, 21.0107, 27.7290**.

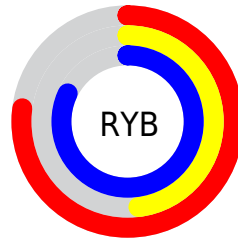
# Distribution



Red (77%)

Green (48%)

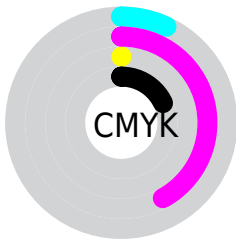
Blue (82%)



Red (77%)

Yellow (48%)

Blue (82%)

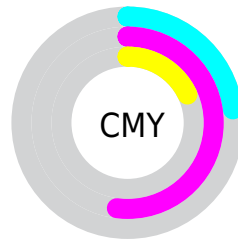


Cyan (7%)

Magenta (42%)

Yellow (0%)

Black (18%)



Cyan (23%)

Magenta (52%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 154.1580, 27.5301, 36.6954 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 154.1580, 27.5301, 36.6954 by changing the saturation by 10% instead.



154.1580, 27.5301,  
36.6954

154.1580, 27.5301,  
36.6954

255.0000, 0.0000,  
0.0000

127.3320, 26.9513,  
35.6658

208.3280, 23.0093,  
40.0543

101.5060, 26.3725,  
34.6362

225.0630, 14.7589,  
26.2547

75.2070, 26.5199,  
34.0215

242.0860, 6.3666,  
11.3256

48.6200, 26.8093,  
34.5363

27.5440, 25.3678,  
30.2179

18.3440, 18.5644,  
18.9923

3.7620, 14.4143,

-3.2993

■ 0.6840, 2.6208,  
-0.5999

■ 0.0000, 0.0000,  
0.0000

■ 154.1580, 27.5301,  
36.6954

■ 154.1580, 27.5301,  
36.6954

■ 140.9340, 34.0495,  
45.6619

■ 167.3820, 21.0107,  
27.7290

■ 127.4110, 40.7164,  
54.0136

■ 180.9050, 14.3438,  
19.3773

■ 114.1870, 47.2358,  
62.9800

■ 194.1290, 7.8244,  
10.4109

■ 100.9630, 53.7552,  
71.9464

■ 207.3530, 1.3050,  
1.4444

87.4400, 60.4221,  
80.2981

220.8760, -5.3619,  
-6.9073

76.8630, 65.6365,  
87.8201

234.1000,  
-11.8813, -15.8737

239.1060,  
-14.3493, -17.6330

240.3020,  
-14.9389, -15.1739

241.1990,  
-15.3811, -13.3295

# Harmonies

## Analogous

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



149.2850, 44.7225, -17.7899



154.1580, 27.5301, 36.6954



150.6880, 7.0558, 70.4336

# Triad

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



154.1580, 27.5301, 36.6954



145.3260, -47.9817, 36.5481



122.5270, 30.3062, -107.4562

# Complementary

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



154.1580, 27.5301, 36.6954



177.8420, -27.5301, -36.6954

# 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.



116.8270, 8.4663, -102.4573



154.1580, 27.5301, 36.6954



140.9470, -43.3579, 0.0465

# Square

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



154.1580, 27.5301, 36.6954



147.3030, -36.1384, 64.6323



133.0520, -22.7036, -44.7726



124.8530, 49.3725, -109.4961



# Rectangle

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



154.1580, 27.5301, 36.6954



148.7310, -8.2484, 79.1659



133.0520, -22.7036, -44.7726



120.7030, 23.3174, -105.8565

# Sweetspot

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



154.1580, 27.5301, 36.6954



234.1340, 10.2869, 13.9145



140.8370, 34.0974, -16.5200



114.4770, 6.6668, 8.3517



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.



154.1580, 27.5301, 36.6954



174.4710, 39.7008, 53.0839



155.0380, 12.7993, 48.2017



97.9450, 3.4781, 4.4332



61.6100, 52.4503, 70.5020



14.8400, 12.8969, 16.8033



# Inverse Universe

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



149.9080, -6.8566, 52.7007



168.2530, -9.9847, 76.0771



176.9620, -12.7993, -48.2017



97.5170, -0.7479, 6.5626



53.3100, -12.9708, 100.5831

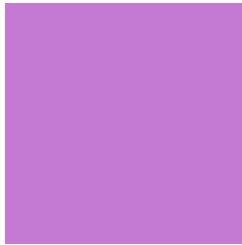


12.9430, -3.4229, 24.6060



# Previews

## White Background



This preview shows how the YUV color 154.1580, 27.5301, 36.6954 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

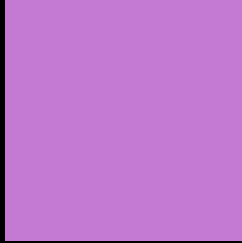
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 154.1580, 27.5301, 36.6954 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

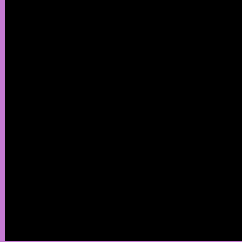
Any Text WCAG AA ✓ Pass

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 154.1580, 27.5301, 36.6954 Background



This preview shows how black text looks on a background with the YUV color 154.1580, 27.5301, 36.6954.



This preview shows how white text looks on a background with the YUV color 154.1580, 27.5301, 36.6954.



# 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

154.1580, 27.5301, 36.6954

### Protanopia

148.5030, 40.6710, -24.9971

### Deuteranopia

150.0130, 27.1086, -14.9204



## Tritanopia

152.3890, -3.1498, 30.3538

# Trichromacy



## Original Color

154.1580, 27.5301, 36.6954



## Protanomaly

150.6800, 35.6538, -2.3504



## Deuteranomaly

151.8350, 27.1963, 3.6527



## Tritanomaly

152.9730, 7.9013, 32.4727

# Monochromacy



## Original Color

154.1580, 27.5301, 36.6954



## Achromatopsia

154.0000, 0.0000, 0.0000



## Achromatomaly

153.7210, 9.9975, 13.3997

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 154.1580, 27.5301, 36.6954 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(196, 122, 210)` looks like.

```
.text, #text, p{  
    color:rgb(196, 122, 210)  
}
```

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(196, 122, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 122, 210) }
```

## Border

The CSS property to change the border of an element to YUV 154.1580, 27.5301, 36.6954 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(196, 122, 210) }
```



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

```
.border{ border-color:rgb(196, 122, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 122, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 122, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 122, 210);  
box-shadow:4px 4px 4px 4px rgb(196, 122,  
210) }
```

# Background

The CSS property to change the background color of an element to YUV 154.1580, 27.5301, 36.6954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 122, 210) }
```

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

```
.background{ background-color: rgb(196,  
122, 210) }
```

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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