

# Converting Colors

YUV(57.0020, 54.2290, 13.1532)

Have a look what the booklet for  
YUV(57.0020, 54.2290, 13.1532)  
contains.

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# Color

**YUV(57.0020, 54.2290,  
13.1532)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	481CA7
RGB	72, 28, 167
RGB Percent	28%, 11%, 65%
CMY	0.7176, 0.8902, 0.3451
CMYK	0.57, 0.83, 0.00, 0.35
HSL	259°, 71%, 38%
HSV	259°, 83%, 65%
XYZ	10.0628, 4.9982, 36.9936
YIQ	57.0020, -18.3950, 52.5570

# Conversions

## Conversions Part 2

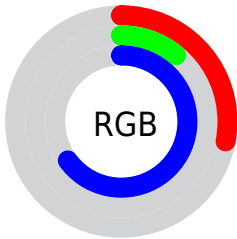
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 28, 167
Decimal	4725927
CIE <sub>Lab</sub>	26.73, 52.36, -65.89
CIE <sub>LCh</sub>	27, 84.154, 308.472
Yxy	4.9982, 0.1933, 0.0960
Android (android.graphics.Color)	4282916007 (0xFF481CA7)
YUV	57.0020, 54.2290, 13.1532
Hunter-Lab	22.3568, 41.2187, -82.4571

# Details

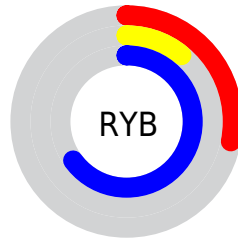
The YUV color **57.0020, 54.2290, 13.1532** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **137.9980, -54.2290, -13.1532**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.9640, 55.2337, 17.5716**, and **12.9960, 49.7950, -11.3975** is the 20% darker color. If you saturate the color by 10%, you get **43.7340, 60.7701, 15.1423**, and if you desaturate by 10%, it is **70.2700, 47.6879, 11.1642**.

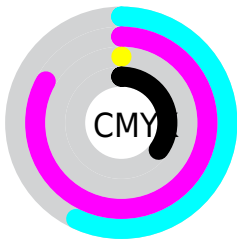
# Distribution



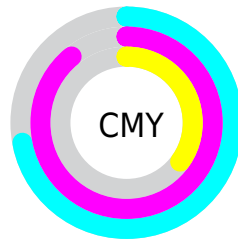
- Red (28%)
- Green (11%)
- Blue (65%)



- Red (28%)
- Yellow (11%)
- Blue (65%)



- Cyan (57%)
- Magenta (83%)
- Yellow (0%)
- Black (35%)



- Cyan (72%)
- Magenta (89%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 57.0020, 54.2290, 13.1532 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 57.0020, 54.2290, 13.1532 by changing the saturation by 10% instead.



■ 57.0020, 54.2290,  
13.1532

■ 57.0020, 54.2290,  
13.1532

■ 255.0000, 0.0000,  
0.0000

■ 27.3220, 55.5503,  
9.3646

■ 110.9640, 55.2337,  
17.5716

■ 12.9960, 49.7950,  
-11.3975

■ 138.2030, 56.1019,  
19.1160

■ 10.0320, 38.4382,  
-8.7981

■ 162.7770, 45.4659,  
23.8746

■ 11.4050, 25.9293,  
-10.0022

■ 187.2970, 33.3776,  
27.8035

■ 6.4350, 17.0405,  
-5.6435

■ 212.7030, 20.8524,  
31.8325

■ 2.7530, 8.0098,  
-2.4144

■ 230.9330, 11.8650,

■ 0.0000, 0.0000,

21.1068

0.0000

247.9560, 3.4727,  
6.1776

57.0020, 54.2290,  
13.1532

57.0020, 54.2290,  
13.1532

43.7340, 60.7701,  
15.1423

70.2700, 47.6879,  
11.1642

34.8850, 65.1327,  
15.8869

83.2500, 41.2888,  
10.3048

96.5180, 34.7476,  
8.3157

110.0850, 28.0591,  
6.9415

122.7660, 21.8074,  
5.4672

■ 136.0340, 15.2662,  
3.4782

■ 149.6010, 8.5777,  
2.1039

■ 162.8690, 2.0366,  
0.1149

■ 175.8490, -4.3626,  
-0.7446

# Harmonies

## Analogous

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



62.7330, 65.2076, -55.0168



57.0020, 54.2290, 13.1532



56.7210, 27.2525, 79.1747

# Triad

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



57.0020, 54.2290, 13.1532



56.9790, -28.0906, 50.0074



59.1290, 10.7824, -51.8561

# Complementary

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



57.0020, 54.2290, 13.1532



137.9980, -54.2290, -13.1532

# 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.



49.2910, -21.8355, -43.2282



57.0020, 54.2290, 13.1532



57.8670, -28.5284, 3.6246

# Square

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



57.0020, 54.2290, 13.1532



45.1490, -22.2585, 92.8313



45.7860, -22.5725, -40.1543



66.8980, 38.0113, -58.6695



# Rectangle

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



57.0020, 54.2290, 13.1532



57.0160, 6.4011, 93.8250



45.7860, -22.5725, -40.1543



55.9200, 1.0254, -49.0418

# Sweetspot

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



57.0020, 54.2290, 13.1532



174.2390, 21.0812, 5.0524



100.7850, 32.6440, -63.8324



83.7520, 12.9403, 2.8485



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.



57.0020, 54.2290, 13.1532



45.3690, 84.6141, 20.7244



77.0350, 44.3527, 54.3433



77.5100, 3.1996, 0.4297



30.9250, 57.7180, 14.0978



4.0740, 7.8515, 1.6891



# Inverse Universe

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



80.3910, 21.0062, 75.9561



81.7550, 32.6588, 118.6099



117.9650, -44.3527, -54.3433



78.9620, 1.0047, 4.4183



55.7660, 22.3004, 80.8892



7.5760, 3.1670, 10.8958



# Previews

## White Background



This preview shows how the YUV color 57.0020, 54.2290, 13.1532 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

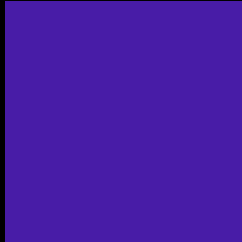
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 57.0020, 54.2290, 13.1532 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

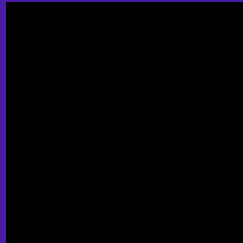
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 57.0020, 54.2290, 13.1532

## Background



This preview shows how black text looks on a background with the YUV color 57.0020, 54.2290, 13.1532.



This preview shows how white text looks on a background with the YUV color 57.0020, 54.2290,



# 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

57.0020, 54.2290, 13.1532

### Protanopia

51.2140, 38.8415, -44.9147

### Deuteranopia

51.3960, 29.3848, -45.0743



## Tritanopia

59.7030, 7.0484, -20.7875

# Trichromacy



## Original Color

57.0020, 54.2290, 13.1532

## Protanomaly

53.4260, 44.1600, -24.0526

## Deuteranomaly

53.2320, 38.3396, -23.8825

## Tritanomaly

58.6610, 24.3241, -8.4727

# Monochromacy



## Original Color

57.0020, 54.2290, 13.1532

## Achromatopsia

57.0000, 0.0000, 0.0000

## Achromatomaly

56.5980, 19.9182, 4.7376

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 57.0020, 54.2290, 13.1532 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(72, 28, 167)` looks like.

```
.text, #text, p{  
    color:rgb(72, 28, 167)  
}
```

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(72, 28, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 28, 167) }
```

## Border

The CSS property to change the border of an element to YUV 57.0020, 54.2290, 13.1532 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(72, 28, 167) }
```



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

```
.border{ border-color:rgb(72, 28, 167) }
```

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

Here you see how a box with a 4 pixel rgb(72, 28, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 28, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 28, 167);  
box-shadow:4px 4px 4px 4px rgb(72, 28,  
167) }
```

# Background

The CSS property to change the background color of an element to YUV 57.0020, 54.2290, 13.1532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 28, 167) }
```

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

```
.background{ background-color: rgb(72, 28,  
167) }
```

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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