

Converting Colors

YUV(54.6150, 57.8708, 11.7386)

Have a look what the booklet for
YUV(54.6150, 57.8708, 11.7386)
contains.

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Color

**YUV(54.6150, 57.8708,
11.7386)**

Conversions

Conversions Part 1

Format	Color
Hex	4419AC
RGB	68, 25, 172
RGB Percent	27%, 10%, 67%
CMY	0.7333, 0.9020, 0.3255
CMYK	0.60, 0.85, 0.00, 0.33
HSL	258°, 75%, 39%
HSV	258°, 85%, 67%
XYZ	10.1779, 4.9028, 39.4396
YIQ	54.6150, -21.5590, 54.8330

Conversions

Conversions Part 2

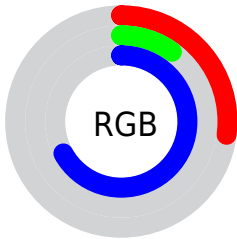
Format	Color
R _Y B	68, 25, 172
Decimal	4463020
CIE Lab	26.46, 54.43, -69.37
CIE LCh	26, 88.176, 308.122
Yxy	4.9028, 0.1867, 0.0899
Android (android.graphics.Color)	4282653100 (0xFF4419AC)
YUV	54.6150, 57.8708, 11.7386
Hunter-Lab	22.1422, 43.3009, -90.1077

Details

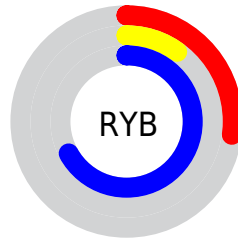
The YUV color **54.6150, 57.8708, 11.7386** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **142.3850, -57.8708, -11.7386**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.8760, 58.7281, 16.7717**, and **13.4520, 51.5422, -11.7974** is the 20% darker color. If you saturate the color by 10%, you get **41.0480, 64.5593, 13.1129**, and if you desaturate by 10%, it is **68.1820, 51.1823, 10.3644**.

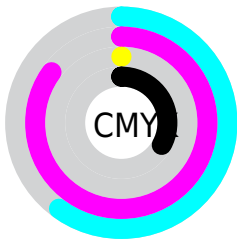
Distribution



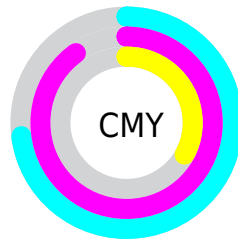
- Red (27%)
- Green (10%)
- Blue (67%)



- Red (27%)
- Yellow (10%)
- Blue (67%)



- Cyan (60%)
- Magenta (85%)
- Yellow (0%)
- Black (33%)



- Cyan (73%)
- Magenta (90%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.6150, 57.8708, 11.7386 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 54.6150, 57.8708, 11.7386 by changing the saturation by 10% instead.

■ 54.6150, 57.8708,
11.7386

■ 54.6150, 57.8708,
11.7386

■ 255.0000, 0.0000,
0.0000

■ 25.7990, 58.7661,
4.5613

■ 109.8760, 58.7281,
16.7717

■ 13.4520, 51.5422,
-11.7974

■ 136.7730, 58.2859,
18.6161

■ 10.6020, 40.6222,
-9.2980

■ 161.0050, 46.3395,
23.6746

■ 11.8610, 27.6765,
-10.4021

■ 185.8240, 34.1038,
28.2184

■ 6.8910, 18.7877,
-6.0434

■ 211.2300, 21.5786,
32.2473


■ 3.2090, 9.7570,
-2.8143


■ 229.7590, 12.4438,


■ 0.0000, 0.0000,


22.1364


0.0000


 246.7820, 4.0515,
7.2072


 54.6150, 57.8708,
11.7386


 54.6150, 57.8708,
11.7386


 41.0480, 64.5593,
13.1129


 68.1820, 51.1823,
10.3644

 34.5580, 67.7589,
13.5426

 81.7490, 44.4937,
8.9901

 96.2020, 37.3684,
7.7158

 109.7690, 30.6799,
6.3416

 123.3360, 23.9914,
4.9673

■ 136.9030, 17.3028,
3.5931

■ 150.4700, 10.6143,
2.2188

■ 164.6240, 3.6364,
0.3298

■ 178.4900, -3.1996,
-0.4297

Harmonies

Analogous

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



63.5310, 68.2652, -55.7167



54.6150, 57.8708, 11.7386



57.5470, 27.8313, 80.2043

Triad

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



54.6150, 57.8708, 11.7386



55.5170, -27.3699, 52.1666



58.4280, 10.6350, -51.2414

Complementary

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



54.6150, 57.8708, 11.7386



142.3850, -57.8708, -11.7386

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.



48.1340, -23.7301, -42.2135



54.6150, 57.8708, 11.7386



57.5680, -28.3810, 3.0099

Square

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



54.6150, 57.8708, 11.7386



45.7470, -22.5533, 94.0609



45.7860, -22.5725, -40.1543



67.2400, 39.3217, -58.9695

Rectangle

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



54.6150, 57.8708, 11.7386



57.9130, 5.9589, 95.6693



45.7860, -22.5725, -40.1543



55.8060, 0.5886, -48.9419

Sweetspot

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



54.6150, 57.8708, 11.7386



177.6950, 22.8284, 4.6525



103.3930, 33.8233, -68.7507



84.2790, 13.6665, 3.2633



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



54.6150, 57.8708, 11.7386



45.2700, 88.1139, 18.1802



76.1430, 47.2575, 56.0026



79.9230, 3.4890, 0.9445



30.2560, 59.0338, 12.0535



4.7150, 9.0145, 2.0039

Inverse Universe

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



80.8090, 23.7582, 79.9745



85.1020, 36.4317, 121.8135



120.8570, -47.2575, -56.0026



81.3750, 1.2941, 4.9331



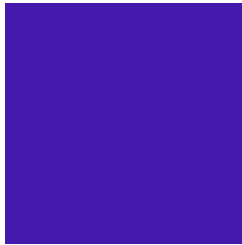
56.9340, 24.1895, 81.6189



8.7010, 3.5984, 12.5402

Previews

White Background



This preview shows how the YUV color 54.6150, 57.8708, 11.7386 looks on a white background.

Color Contrast Check

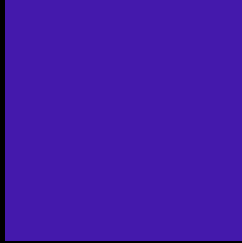
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.6150, 57.8708, 11.7386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

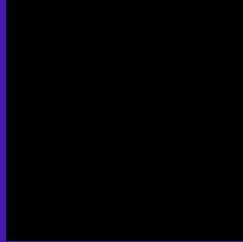
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.6150, 57.8708, 11.7386

Background



This preview shows how black text looks on a background with the YUV color 54.6150, 57.8708, 11.7386.



This preview shows how white text looks on a background with the YUV color 54.6150, 57.8708,

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

54.6150, 57.8708, 11.7386

Protanopia

50.5130, 38.6941, -44.2999

Deuteranopia

50.6950, 29.2374, -44.4595



Tritanopia

55.3210, 9.7017, -31.8535

Trichromacy



Original Color

54.6150, 57.8708, 11.7386

Protanomaly

52.1810, 45.7598, -23.8377

Deuteranomaly

51.9870, 39.9394, -23.6676

Tritanomaly

55.3010, 26.9666, -16.0500

Monochromacy



Original Color

54.6150, 57.8708, 11.7386

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9400, 21.2286, 4.4376

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.6150, 57.8708, 11.7386 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(68, 25, 172)` looks like.

```
.text, #text, p{  
    color:rgb(68, 25, 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(68, 25, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 25, 172) }
```

Border

The CSS property to change the border of an element to YUV 54.6150, 57.8708, 11.7386 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(68, 25, 172) }
```


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

```
.border{ border-color:rgb(68, 25, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 25, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 25, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 25, 172);  
box-shadow:4px 4px 4px 4px rgb(68, 25,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 54.6150, 57.8708, 11.7386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 25, 172) }
```

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

```
.background{ background-color: rgb(68, 25,  
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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