

Converting Colors

YUV(57.7220, 45.4931, 15.1528)

Have a look what the booklet for
YUV(57.7220, 45.4931, 15.1528)
contains.

YUV(57.7220, 45.4931, 15.1528)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(57.7220, 45.4931,
15.1528)**

Conversions

Conversions Part 1

Format	Color
Hex	4B1F96
RGB	75, 31, 150
RGB Percent	29%, 12%, 59%
CMY	0.7059, 0.8784, 0.4118
CMYK	0.50, 0.79, 0.00, 0.41
HSL	262°, 66%, 35%
HSV	262°, 79%, 59%
XYZ	8.8967, 4.6778, 29.2882
YIQ	57.7220, -11.9750, 46.3370

Conversions

Conversions Part 2

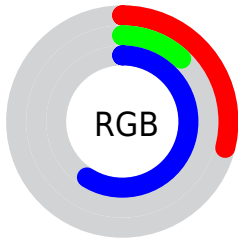
Format	Color
R_{YB}	75, 31, 150
Decimal	4923286
CIE Lab	25.80, 46.86, -57.04
CIE LCh	26, 73.824, 309.406
Yxy	4.6778, 0.2076, 0.1091
Android (android.graphics.Color)	4283113366 (0xFF4B1F96)
YUV	57.7220, 45.4931, 15.1528
Hunter-Lab	21.6283, 35.5752, -65.1483

Details

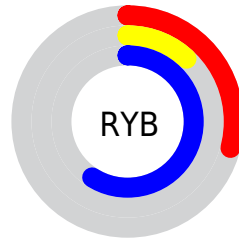
The YUV color **57.7220, 45.4931, 15.1528** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **123.2780, -45.4931, -15.1528**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.0860, 46.7926, 18.3416**, and **12.6670, 42.0692, -6.7240** is the 20% darker color. If you saturate the color by 10%, you get **46.2260, 51.1606, 17.3418**, and if you desaturate by 10%, it is **69.2180, 39.8255, 12.9638**.

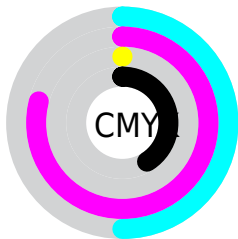
Distribution



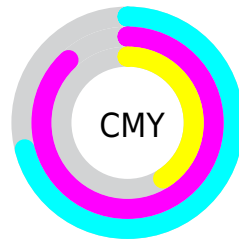
- Red (29%)
- Green (12%)
- Blue (59%)



- Red (29%)
- Yellow (12%)
- Blue (59%)



- Cyan (50%)
- Magenta (79%)
- Yellow (0%)
- Black (41%)



- Cyan (71%)
- Magenta (88%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.7220, 45.4931, 15.1528 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 57.7220, 45.4931, 15.1528 by changing the saturation by 10% instead.

■ 57.7220, 45.4931,
15.1528

■ 57.7220, 45.4931,
15.1528

■ 255.0000, 0.0000,
0.0000

■ 28.6510, 46.5141,
14.3381

■ 110.0860, 46.7926,
18.3416

■ 12.6670, 42.0692,
-6.7240

■ 136.7380, 47.9502,
20.4008

■ 8.3220, 31.8863,
-7.2984

■ 162.7660, 45.4714,
22.1302

■ 7.9340, 20.2455,
-6.9581

■ 187.2860, 33.3830,
26.0592

■ 3.7790, 11.9410,
-3.3142

■ 212.6920, 20.8578,
30.0881

■ 0.0000, 0.0000,
0.0000

■ 231.5200, 11.5756,

20.5920

248.5430, 3.1833,
5.6628

57.7220, 45.4931,
15.1528

57.7220, 45.4931,
15.1528

46.2260, 51.1606,
17.3418

69.2180, 39.8255,
12.9638

34.4310, 56.9755,
18.9160

81.0130, 34.0106,
11.3896

33.5450, 57.4123,
18.8160

92.5090, 28.3431,
9.2006

104.3040, 22.5281,
7.6264

115.8000, 16.8606,
5.4374

■ 127.5950, 11.0457,
3.8632

■ 139.0910, 5.3781,
1.6742

■ 150.8860, -0.4368,
0.1000

■ 162.3820, -6.1043,
-2.0890

Harmonies

Analogous

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



58.1050, 57.6292, -50.9581



57.7220, 45.4931, 15.1528



52.2920, 24.5060, 73.4119

Triad

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



57.7220, 45.4931, 15.1528



56.3480, -27.7796, 43.5448



56.4390, 10.6296, -49.4970

Complementary

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



57.7220, 45.4931, 15.1528



123.2780, -45.4931, -15.1528

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.



48.1970, -15.8731, -42.2688



57.7220, 45.4931, 15.1528



56.0950, -27.6548, 3.4247

Square

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



57.7220, 45.4931, 15.1528



41.5610, -20.4896, 85.4540



44.0250, -21.7043, -38.6099



63.2960, 34.3641, -55.5106

Rectangle

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



57.7220, 45.4931, 15.1528



52.2600, 6.2808, 85.7180



44.0250, -21.7043, -38.6099



53.6860, 2.6198, -47.0826

Sweetspot

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



57.7220, 45.4931, 15.1528



157.4410, 18.0236, 5.7522



88.5910, 30.2746, -50.5073



75.1820, 10.7563, 3.3484



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



57.7220, 45.4931, 15.1528



51.3080, 70.3472, 23.4089



75.3630, 36.7960, 51.4246



68.3960, 2.7628, 0.5297



30.9810, 52.7604, 17.5567



2.3360, 3.7784, 1.4593

Inverse Universe

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



75.1310, 15.2184, 65.6601



78.2400, 23.5457, 101.5215



105.6370, -36.7960, -51.4246



69.5490, 0.7153, 3.9035



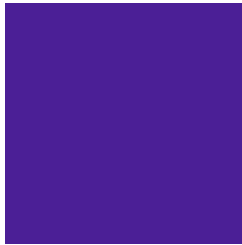
51.1800, 17.6593, 76.1411



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 57.7220, 45.4931, 15.1528 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

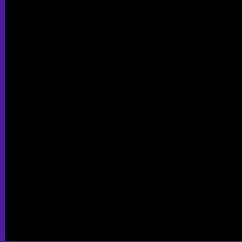
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.7220, 45.4931, 15.1528

Background



This preview shows how black text looks on a background with the YUV color 57.7220, 45.4931, 15.1528.



This preview shows how white text looks on a background with the YUV color 57.7220, 45.4931,

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

57.7220, 45.4931, 15.1528

Protanopia

49.5840, 37.6731, -43.4852

Deuteranopia

49.8800, 28.6532, -43.7448



Tritanopia

60.9820, 3.9529, -7.8772

Trichromacy



Original Color

57.7220, 45.4931, 15.1528

Protanomaly

52.2260, 40.8076, -22.1232

Deuteranomaly

52.6190, 34.6978, -22.4679

Tritanomaly

59.6360, 18.9135, 0.3192

Monochromacy



Original Color

57.7220, 45.4931, 15.1528

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.6860, 16.4238, 5.5374

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.7220, 45.4931, 15.1528 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(75, 31, 150)` looks like.

```
.text, #text, p{  
    color:rgb(75, 31, 150)  
}
```

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(75, 31, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 31, 150) }
```

Border

The CSS property to change the border of an element to YUV 57.7220, 45.4931, 15.1528 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(75, 31, 150) }
```


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

```
.border{ border-color:rgb(75, 31, 150) }
```

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

Here you see how a box with a 4 pixel rgb(75, 31, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 31, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 31, 150);  
box-shadow:4px 4px 4px 4px rgb(75, 31,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 57.7220, 45.4931, 15.1528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 31, 150) }
```

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

```
.background{ background-color: rgb(75, 31,  
150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor