

Converting Colors

YUV(72.5460, 52.9748, 88.9752)

Have a look what the booklet for
YUV(72.5460, 52.9748, 88.9752)
contains.

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Color

**YUV(72.5460, 52.9748,
88.9752)**

Conversions

Conversions Part 1

Format	Color
Hex	AE00B4
RGB	174, 0, 180
RGB Percent	68%, 0%, 71%
CMY	0.3176, 1.0000, 0.2941
CMYK	0.03, 1.00, 0.00, 0.29
HSL	298°, 100%, 35%
HSV	298°, 100%, 71%
XYZ	25.6938, 12.2940, 44.1988
YIQ	72.5460, 45.9240, 92.8680

Conversions

Conversions Part 2

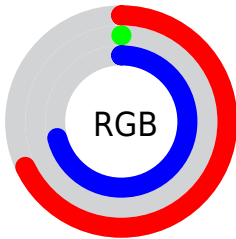
Format	Color
RYB	174, 0, 180
Decimal	11403444
CIELab	41.68, 74.68, -48.64
CIElCh	42, 89.120, 326.923
Yxy	12.2940, 0.3126, 0.1496
Android (android.graphics.Color)	4289593524 (0xFFAE00B4)
YUV	72.5460, 52.9748, 88.9752
Hunter-Lab	35.0627, 69.4440, -50.1948

Details

The YUV color **72.5460, 52.9748, 88.9752** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **107.4540, -52.9748, -88.9752**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5800, 44.5771, 75.7903**, and **49.0480, 37.9373, 58.7169** is the 20% darker color. If you saturate the color by 10%, you get **72.5460, 52.9748, 88.9752**, and if you desaturate by 10%, it is **83.4110, 47.6184, 80.3236**.

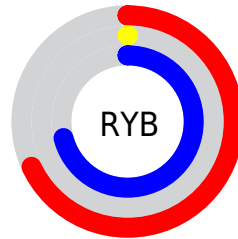
Distribution



Red (68%)

Green (0%)

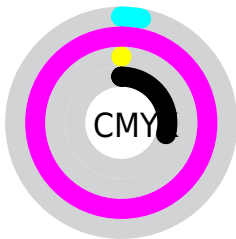
Blue (71%)



Red (68%)

Yellow (0%)

Blue (71%)

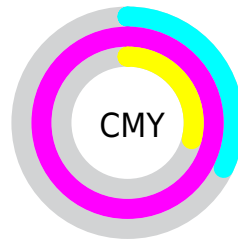


Cyan (3%)

Magenta (100%)

Yellow (0%)

Black (29%)



Cyan (32%)


Magenta (100%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 72.5460, 52.9748, 88.9752 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 72.5460, 52.9748, 88.9752 by changing the saturation by 10% instead.


 72.5460, 52.9748,
88.9752


 72.5460, 52.9748,
88.9752


255.0000, 0.0000,
0.0000


 60.7970, 45.4561,
73.8460


 146.5800, 44.5771,
75.7903


 49.0480, 37.9373,
58.7169


 172.8200, 40.5147,
72.0719


 37.8260, 31.1448,
44.0026


 189.8430, 32.1224,
57.1427

 27.2020, 24.0574,
30.5178

 207.4530, 23.4407,
41.6987

 15.4960, 17.9965,
14.4740

 224.4760, 15.0483,
26.7695

 4.5940, 12.5252,
-4.0289

 242.0860, 6.3666,

 0.0000, 0.0000,

11.3256

0.0000

■ 72.5460, 52.9748,
88.9752

■ 83.4110, 47.6184,
80.3236

■ 93.9770, 42.4093,
71.0572

■ 104.8420, 37.0529,
62.4056

■ 115.4080, 31.8439,
53.1392

■ 126.2730, 26.4874,
44.4876

■ 137.1380, 21.1310,
35.8360

■ 147.7040, 15.9219,
26.5696

■ 158.5690, 10.5655,
17.9180

■ 169.1350, 5.3564,
8.6516

Harmonies

Analogous

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



85.0470, 72.4478, -43.8912



72.5460, 52.9748, 88.9752



76.7110, 15.9185, 121.2795

Triad

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



72.5460, 52.9748, 88.9752



93.1510, -45.9234, 29.6856



92.6580, 35.1716, -81.2611

Complementary

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



72.5460, 52.9748, 88.9752



107.4540, -52.9748, -88.9752

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.



83.4070, 2.2643, -73.1479



72.5460, 52.9748, 88.9752



81.5800, -40.2189, -26.8187

Square

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



72.5460, 52.9748, 88.9752



85.5180, -42.1604, 82.8607



71.0270, -35.0163, -62.2907



98.2100, 61.5215, -86.1302

Rectangle

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



72.5460, 52.9748, 88.9752



72.2500, -5.0533, 127.8227



71.0270, -35.0163, -62.2907



89.9220, 24.6885, -78.8616

Sweetspot

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



72.5460, 52.9748, 88.9752



192.4260, 20.9890, 34.7064



24.0420, 76.8873, -21.0848



92.0470, 12.3018, 21.0068



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



72.5460, 52.9748, 88.9752



94.6630, 69.1861, 116.0595



64.7640, 15.3993, 101.0620



83.7170, 2.6045, 4.6332



61.6940, 45.0139, 75.6904



10.4390, 7.6716, 12.7700

Inverse Universe

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



54.5040, -23.9125, 110.0600



71.1770, -31.1463, 143.6728



115.2360, -15.3993, -101.0620



82.8050, -0.8899, 5.4330



46.3170, -20.3693, 93.5610



7.8880, -3.3958, 15.8842

Previews

White Background



This preview shows how the YUV color 72.5460, 52.9748, 88.9752 looks on a white background.

Color Contrast Check

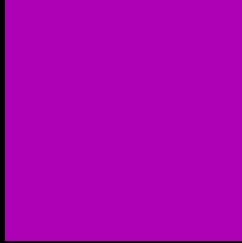
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 72.5460, 52.9748, 88.9752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

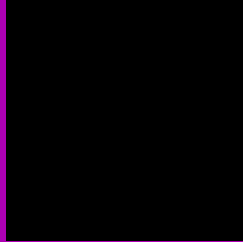
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.5460, 52.9748, 88.9752

Background



This preview shows how black text looks on a background with the YUV color 72.5460, 52.9748, 88.9752.

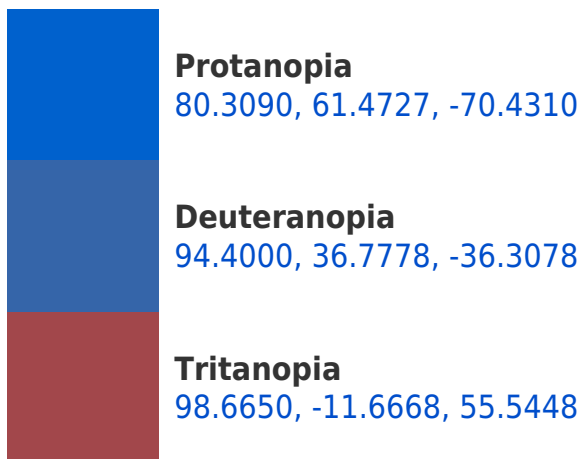


This preview shows how white text looks on a background with the YUV color 72.5460, 52.9748,

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



Trichromacy



Protanomaly

77.5750, 58.3835, -12.7823

Deuteranomaly

86.2930, 42.7466, 9.3900

Tritanomaly

88.9310, 11.8660, 67.5895

Monochromacy



Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.6600, 19.3946, 32.7472

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.5460, 52.9748, 88.9752 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(174, 0, 180)` looks like.

```
.text, #text, p{  
    color:rgb(174, 0, 180)  
}
```

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(174, 0, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 0, 180) }
```

Border

The CSS property to change the border of an element to YUV 72.5460, 52.9748, 88.9752 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(174, 0, 180) }
```

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

```
.border{ border-color:rgb(174, 0, 180) }
```

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

Here you see how a box with a 4 pixel rgb(174, 0, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 0, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 0, 180);  
box-shadow:4px 4px 4px 4px rgb(174, 0,  
180) }
```


Background

The CSS property to change the background color of an element to YUV 72.5460, 52.9748, 88.9752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 0, 180) }
```

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

```
.background{ background-color: rgb(174, 0,  
180) }
```

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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