

Converting Colors

YUV(52.1710, 61.5407, 48.0850)

Have a look what the booklet for
YUV(52.1710, 61.5407, 48.0850)
contains.

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Color

**YUV(52.1710, 61.5407,
48.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	6B00B1
RGB	107, 0, 177
RGB Percent	42%, 0%, 69%
CMY	0.5804, 1.0000, 0.3059
CMYK	0.40, 1.00, 0.00, 0.31
HSL	276°, 100%, 35%
HSV	276°, 100%, 69%
XYZ	13.9992, 6.3001, 42.0732
YIQ	52.1710, 6.9550, 77.7310

Conversions

Conversions Part 2

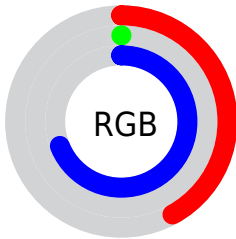
Format	Color
R_{YB}	107, 0, 177
Decimal	7012529
CIE Lab	30.16, 65.10, -66.09
CIE LCh	30, 92.768, 314.567
Yxy	6.3001, 0.2244, 0.1010
Android (android.graphics.Color)	4285202609 (0xFF6B00B1)
YUV	52.1710, 61.5407, 48.0850
Hunter-Lab	25.1000, 55.6309, -81.8130

Details

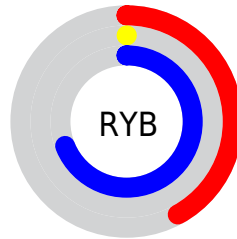
The YUV color **52.1710, 61.5407, 48.0850** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **124.8290, -61.5407, -48.0850**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.2750, 57.0524, 40.9778**, and **27.7760, 46.9454, 15.9824** is the 20% darker color. If you saturate the color by 10%, you get **52.1710, 61.5407, 48.0850**, and if you desaturate by 10%, it is **64.8300, 55.2998, 43.1221**.

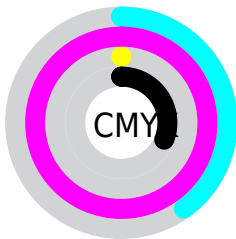
Distribution



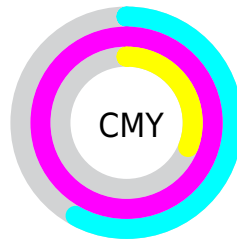
- Red (42%)
- Green (0%)
- Blue (69%)



- Red (42%)
- Yellow (0%)
- Blue (69%)



- Cyan (40%)
- Magenta (100%)
- Yellow (0%)
- Black (31%)



- Cyan (58%)
- Magenta (100%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.1710, 61.5407, 48.0850 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 52.1710, 61.5407, 48.0850 by changing the saturation by 10% instead.

■ 52.1710, 61.5407,
48.0850

■ 52.1710, 61.5407,
48.0850

■ 255.0000, 0.0000,
0.0000

■ 40.4220, 54.0220,
32.9559

■ 118.2750, 57.0524,
40.9778

■ 27.7760, 46.9454,
15.9824

■ 145.4880, 53.9894,
43.4220

■ 14.6460, 40.6005,
-2.3205

■ 170.5950, 41.6117,
46.8362

■ 8.2080, 31.4495,
-7.1984

■ 196.3000, 28.9391,
51.4799

■ 7.9340, 20.2455,
-6.9581

■ 212.7360, 20.8362,
37.0655

■ 3.6650, 11.5042,
-3.2142

■ 229.7590, 12.4438,

■ 0.0000, 0.0000,

22.1364

0.0000

■ 246.7820, 4.0515,
7.2072

■ 52.1710, 61.5407,
48.0850

■ 64.8300, 55.2998,
43.1221

■ 76.9020, 49.3483,
38.6739

■ 89.5610, 43.1074,
33.7110

■ 102.2200, 36.8665,
28.7481

■ 114.8790, 30.6257,
23.7851

■ 126.9510, 24.6742,
19.3370

■ 139.6100, 18.4333,
14.3740

■ 152.2690, 12.1924,
9.4111

■ 164.3410, 6.2409,
4.9629

Harmonies

Analogous

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



67.0020, 73.9490, -58.7608



52.1710, 61.5407, 48.0850



64.3810, 22.9832, 95.2589

Triad

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



52.1710, 61.5407, 48.0850



66.0940, -32.5843, 44.6446



67.8490, 18.8084, -59.5036

Complementary

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



52.1710, 61.5407, 48.0850



124.8290, -61.5407, -48.0850

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.



57.7830, -14.6830, -50.6757



52.1710, 61.5407, 48.0850



62.5190, -30.8219, -7.4712

Square

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



52.1710, 61.5407, 48.0850



48.4380, -23.8799, 99.5939



52.2430, -25.7558, -45.8171



76.1880, 48.2213, -66.8169

Rectangle

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



52.1710, 61.5407, 48.0850



62.6110, 0.6848, 107.3352



52.2430, -25.7558, -45.8171



64.4120, 8.1779, -56.4893

Sweetspot

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



52.1710, 61.5407, 48.0850



181.1250, 24.0954, 18.3074



61.8550, 56.7665, -54.2468



85.2630, 14.6603, 11.1703



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



52.1710, 61.5407, 48.0850



67.7810, 79.9740, 62.4591



71.0490, 43.3598, 92.9190



82.8200, 3.0467, 2.7889



44.9500, 53.2687, 41.2629



7.4490, 9.1456, 6.6222

Inverse Universe

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



60.9030, 4.4848, 101.8171



79.1440, 5.8450, 132.3007



105.9510, -43.3598, -92.9190



83.1470, 0.4205, 5.1331



52.7010, 4.0914, 87.9622



8.9140, 0.5354, 14.9844

Previews

White Background



This preview shows how the YUV color 52.1710, 61.5407, 48.0850 looks on a white background.

Color Contrast Check

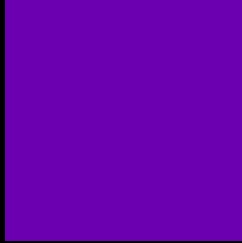
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.1710, 61.5407, 48.0850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

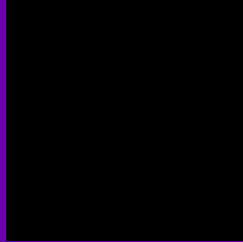
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.1710, 61.5407, 48.0850

Background



This preview shows how black text looks on a background with the YUV color 52.1710, 61.5407, 48.0850.



This preview shows how white text looks on a background with the YUV color 52.1710, 61.5407,

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



Protanopia

58.7770, 44.9729, -51.5474

Deuteranopia

59.3180, 34.3532, -52.0219

Tritanopia

74.6530, -0.3219, 9.9513

Trichromacy



Protanomaly

56.3160, 51.1162, -15.1861

Deuteranomaly

56.4810, 44.1329, -15.3308

Tritanomaly

66.5880, 21.8951, 24.0403

Monochromacy



Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.9570, 22.2062, 17.5777

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.1710, 61.5407, 48.0850 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(107, 0, 177)` looks like.

```
.text, #text, p{  
    color:rgb(107, 0, 177)  
}
```

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(107, 0, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 0, 177) }
```

Border

The CSS property to change the border of an element to YUV 52.1710, 61.5407, 48.0850 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(107, 0, 177) }
```

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

```
.border{ border-color:rgb(107, 0, 177) }
```

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

Here you see how a box with a 4 pixel rgb(107, 0, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 0, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 0, 177);  
box-shadow:4px 4px 4px 4px rgb(107, 0,  
177) }
```


Background

The CSS property to change the background color of an element to YUV 52.1710, 61.5407, 48.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 0, 177) }
```

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

```
.background{ background-color: rgb(107, 0,  
177) }
```

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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