

Converting Colors

YUV(47.6820, 43.0478, 52.8989)

Have a look what the booklet for
YUV(47.6820, 43.0478, 52.8989)
contains.

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Color

**YUV(47.6820, 43.0478,
52.8989)**

Conversions

Conversions Part 1

Format	Color
Hex	6C0087
RGB	108, 0, 135
RGB Percent	42%, 0%, 53%
CMY	0.5765, 1.0000, 0.4706
CMYK	0.20, 1.00, 0.00, 0.47
HSL	288°, 100%, 26%
HSV	288°, 100%, 53%
XYZ	10.5575, 4.9374, 23.3182
YIQ	47.6820, 21.0330, 64.8810

Conversions

Conversions Part 2

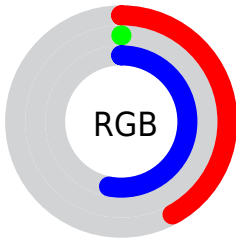
Format	Color
R_{YB}	108, 0, 135
Decimal	7078023
CIE _{Lab}	26.56, 56.92, -46.29
CIE _{LCh}	27, 73.364, 320.883
Yxy	4.9374, 0.2720, 0.1272
Android (android.graphics.Color)	4285268103 (0xFF6C0087)
YUV	47.6820, 43.0478, 52.8989
Hunter-Lab	22.2203, 45.9251, -46.6654

Details

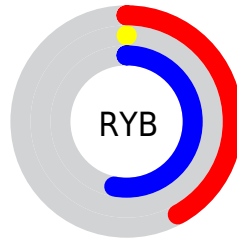
The YUV color **47.6820, 43.0478, 52.8989** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **87.3180, -43.0478, -52.8989**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.1990, 38.8489, 46.3065**, and **25.7220, 28.7311, 24.7998** is the 20% darker color. If you saturate the color by 10%, you get **47.6820, 43.0478, 52.8989**, and if you desaturate by 10%, it is **56.2100, 38.8435, 48.0508**.

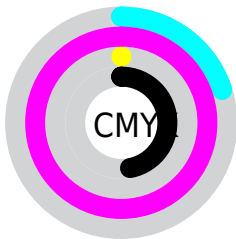
Distribution



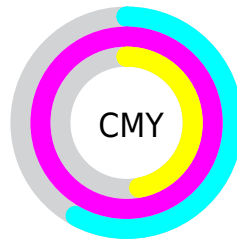
- Red (42%)
- Green (0%)
- Blue (53%)



- Red (42%)
- Yellow (0%)
- Blue (53%)



- Cyan (20%)
- Magenta (100%)
- Yellow (0%)
- Black (47%)



- Cyan (58%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.6820, 43.0478, 52.8989 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 47.6820, 43.0478, 52.8989 by changing the saturation by 10% instead.

47.6820, 43.0478,
52.8989

47.6820, 43.0478,
52.8989

255.0000, 0.0000,
0.0000

36.6450, 35.6710,
38.8993

110.1990, 38.8489,
46.3065

25.7220, 28.7311,
24.7998

137.9110, 38.9909,
47.4361

15.5110, 21.9331,
11.8299

165.7370, 39.5697,
48.4657

5.3920, 15.5827,
-4.7288

192.1690, 30.9757,
51.5948

2.1830, 5.8258,
-1.9145


209.8010, 22.2831,
39.6395


0.0000, 0.0000,
0.0000


226.2370, 14.1802,


25.2252


 243.2600, 5.7878,
10.2960


 47.6820, 43.0478,
52.8989

 56.2100, 38.8435,
48.0508

 65.0260, 34.4972,
42.0732

 74.1410, 30.0035,
36.7103

 82.6690, 25.7992,
31.8623

 91.7840, 21.3055,
26.4994

■ 100.0130, 17.2486,
21.0366

■ 108.5410, 13.0443,
16.1885

■ 117.6560, 8.5506,
10.8257

■ 126.4720, 4.2043,
4.8481

Harmonies

Analogous

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



52.9530, 58.1972, -46.4398



47.6820, 43.0478, 52.8989



53.6000, 14.0012, 82.7888

Triad

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



47.6820, 43.0478, 52.8989



59.7930, -29.4779, 28.2455



60.3490, 20.5339, -52.9261

Complementary

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



47.6820, 43.0478, 52.8989



87.3180, -43.0478, -52.8989

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.



53.0360, -4.9477, -46.5126



47.6820, 43.0478, 52.8989



53.9250, -26.5850, -13.0892

Square

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



47.6820, 43.0478, 52.8989



45.3270, -22.3462, 74.2582



46.3730, -22.8619, -40.6691



65.9350, 41.9370, -57.8250

Rectangle

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



47.6820, 43.0478, 52.8989



50.9910, -2.4606, 89.4619



46.3730, -22.8619, -40.6691



58.1830, 12.2348, -51.0265

Sweetspot

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



47.6820, 43.0478, 52.8989



141.6000, 16.9592, 20.5218



31.2390, 51.1542, -27.3966



68.4220, 10.1450, 12.7849



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



47.6820, 43.0478, 52.8989



62.2230, 56.0921, 69.0874



51.1950, 21.5959, 73.4970



62.1790, 1.8838, 2.4740



45.9160, 41.4534, 50.9397



0.9400, 1.0156, 0.9296

Inverse Universe

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



43.4430, -8.1064, 80.2955



56.6140, -10.6557, 104.7015



83.9190, -21.1591, -73.5970



61.9080, -0.4476, 3.5887



41.8340, -7.8062, 77.3216



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 47.6820, 43.0478, 52.8989 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

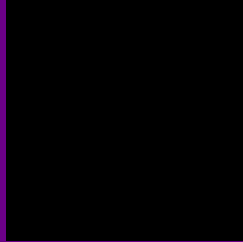
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.6820, 43.0478, 52.8989

Background



This preview shows how black text looks on a background with the YUV color 47.6820, 43.0478, 52.8989.



This preview shows how white text looks on a background with the YUV color 47.6820, 43.0478,

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

52.9580, 40.4467, -46.4442

Deuteranopia

53.3680, 31.8636, -46.8037

Tritanopia

66.6120, -4.7387, 26.6503

Trichromacy



Protanomaly

51.1180, 41.3538, -10.6275

Deuteranomaly

51.0380, 35.9703, -10.5573

Tritanomaly

59.8470, 12.4004, 36.0912

Monochromacy



Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.2470, 15.6542, 19.0774

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.6820, 43.0478, 52.8989 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(108, 0, 135)` looks like.

```
.text, #text, p{  
    color:rgb(108, 0, 135)  
}
```

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(108, 0, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 0, 135) }
```

Border

The CSS property to change the border of an element to YUV 47.6820, 43.0478, 52.8989 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(108, 0, 135) }
```

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

```
.border{ border-color:rgb(108, 0, 135) }
```

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

Here you see how a box with a 4 pixel rgb(108, 0, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 0, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 0, 135);  
box-shadow:4px 4px 4px 4px rgb(108, 0,  
135) }
```


Background

The CSS property to change the background color of an element to YUV 47.6820, 43.0478, 52.8989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 0, 135) }
```

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

```
.background{ background-color: rgb(108, 0,  
135) }
```

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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