

Converting Colors

YUV(50.4880, 67.3004, 20.6200)

Have a look what the booklet for
YUV(50.4880, 67.3004, 20.6200)
contains.

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Color

**YUV(50.4880, 67.3004,
20.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	4A0CBB
RGB	74, 12, 187
RGB Percent	29%, 5%, 73%
CMY	0.7098, 0.9529, 0.2667
CMYK	0.60, 0.94, 0.00, 0.27
HSL	261°, 88%, 39%
HSV	261°, 94%, 73%
XYZ	11.9252, 5.3066, 47.4095
YIQ	50.4880, -19.2230, 67.5690

Conversions

Conversions Part 2

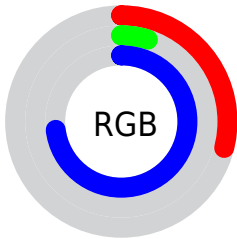
Format	Color
R_{YB}	74, 12, 187
Decimal	4852923
CIE Lab	27.59, 62.42, -76.43
CIE LCh	28, 98.679, 309.237
Yxy	5.3066, 0.1845, 0.0821
Android (android.graphics.Color)	4283043003 (0xFF4A0CBB)
YUV	50.4880, 67.3004, 20.6200
Hunter-Lab	23.0362, 52.0910, -105.8962

Details

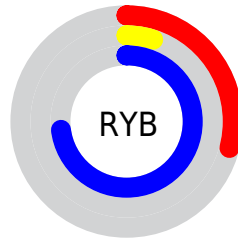
The YUV color **50.4880, 67.3004, 20.6200** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **148.5120, -67.3004, -20.6200**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.1570, 65.9846, 22.6643**, and **15.0480, 57.6573, -13.1971** is the 20% darker color. If you saturate the color by 10%, you get **41.0520, 71.9524, 21.8794**, and if you desaturate by 10%, it is **65.2290, 60.0331, 18.2162**.

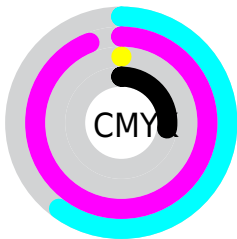
Distribution



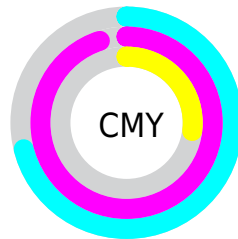
- Red (29%)
- Green (5%)
- Blue (73%)



- Red (29%)
- Yellow (5%)
- Blue (73%)



- Cyan (60%)
- Magenta (94%)
- Yellow (0%)
- Black (27%)



- Cyan (71%)
- Magenta (95%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.4880, 67.3004, 20.6200 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 50.4880, 67.3004, 20.6200 by changing the saturation by 10% instead.

■ 50.4880, 67.3004,
20.6200

■ 50.4880, 67.3004,
20.6200

■ 255.0000, 0.0000,
0.0000

■ 28.8900, 64.1442,
6.2355

■ 111.1570, 65.9846,
22.6643

■ 15.0480, 57.6573,
-13.1971

■ 136.5290, 58.4062,
26.7231

■ 12.0840, 46.3006,
-10.5977

■ 161.3480, 46.1704,
31.2668

■ 11.5820, 34.2231,
-10.1574

■ 186.7540, 33.6453,
35.2957

■ 9.3190, 23.0137,
-8.1728

■ 210.9750, 21.7043,
38.6099


■ 5.0500, 14.2723,
-4.4289


■ 227.9980, 13.3120,


■ 0.9120, 3.4944,


23.6808


-0.7998


 245.0210, 4.9196,
8.7516


 0.0000, 0.0000,
0.0000


 50.4880, 67.3004,
20.6200

 50.4880, 67.3004,
20.6200


 41.0520, 71.9524,
21.8794

 65.2290, 60.0331,
18.2162

 79.3830, 53.0552,
16.3271

 94.1240, 45.7879,
13.9233

 108.8650, 38.5206,
11.5194

 123.0190, 31.5426,
9.6303

■ 137.7600, 24.2753,
7.2265

■ 152.8000, 16.8606,
5.4374

■ 167.5410, 9.5933,
3.0335

■ 181.6950, 2.6154,
1.1445

Harmonies

Analogous

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



68.1590, 75.8436, -59.7754



50.4880, 67.3004, 20.6200



62.8300, 28.6778, 88.7261

Triad

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



50.4880, 67.3004, 20.6200



57.3110, -28.2543, 55.8553



61.6880, 12.9718, -54.1004

Complementary

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



50.4880, 67.3004, 20.6200



148.5120, -67.3004, -20.6200

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.



50.4820, -24.8876, -44.2727



50.4880, 67.3004, 20.6200



58.7310, -28.9544, 0.2359

Square

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



50.4880, 67.3004, 20.6200



49.0360, -24.1747, 100.8234



48.1340, -23.7301, -42.2135



71.9990, 44.8635, -63.1431

Rectangle

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



50.4880, 67.3004, 20.6200



62.5120, 4.1846, 104.7910



48.1340, -23.7301, -42.2135



58.6100, 1.1783, -51.4010

Sweetspot

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



50.4880, 67.3004, 20.6200



188.9280, 26.1645, 7.9561



98.8680, 43.4491, -76.1832



90.1590, 15.6976, 5.1226



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



50.4880, 67.3004, 20.6200



53.3020, 93.0281, 28.6761



76.5010, 54.4760, 74.1056



86.9230, 3.4890, 0.9445



34.7560, 60.7593, 18.6310



6.8230, 11.9193, 3.6632

Inverse Universe

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



77.2070, 23.5619, 96.2885



90.1420, 32.4680, 133.1795



122.4990, -54.4760, -74.1056



88.3750, 1.2941, 4.9331



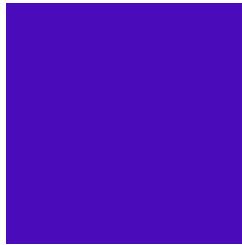
58.8700, 21.2631, 86.9370



11.5490, 4.1663, 17.0585

Previews

White Background



This preview shows how the YUV color 50.4880, 67.3004, 20.6200 looks on a white background.

Color Contrast Check

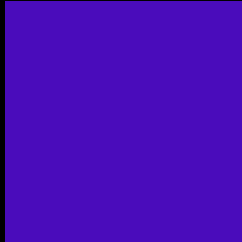
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.4880, 67.3004, 20.6200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

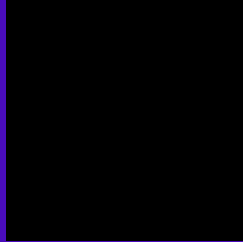
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.4880, 67.3004, 20.6200

Background



This preview shows how black text looks on a background with the YUV color 50.4880, 67.3004, 20.6200.



This preview shows how white text looks on a background with the YUV color 50.4880, 67.3004,

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

50.4880, 67.3004, 20.6200

Protanopia

52.9580, 40.4467, -46.4442

Deuteranopia

53.0260, 30.5532, -46.5038



Tritanopia

57.2390, 10.7282, -34.4126

Trichromacy



Original Color

50.4880, 67.3004, 20.6200

Protanomaly

52.0440, 50.2643, -21.9636

Deuteranomaly

52.3230, 43.7178, -22.2083

Tritanomaly

54.7510, 31.1818, -14.6906

Monochromacy



Original Color

50.4880, 67.3004, 20.6200

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.1730, 24.5647, 7.7413

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.4880, 67.3004, 20.6200 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(74, 12, 187)` looks like.

```
.text, #text, p{  
    color:rgb(74, 12, 187)  
}
```

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(74, 12, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 12, 187) }
```

Border

The CSS property to change the border of an element to YUV 50.4880, 67.3004, 20.6200 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(74, 12, 187) }
```


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

```
.border{ border-color:rgb(74, 12, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 12, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 12, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 12, 187);  
box-shadow:4px 4px 4px 4px rgb(74, 12,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 50.4880, 67.3004, 20.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 12, 187) }
```

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

```
.background{ background-color: rgb(74, 12,  
187) }
```

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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