

Converting Colors

YUV(50.8790, 64.1497, 4.4911)

Have a look what the booklet for
YUV(50.8790, 64.1497, 4.4911)
contains.

YUV(50.8790, 64.1497, 4.4911)	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(50.8790, 64.1497,
4.4911)**

Conversions

Conversions Part 1

Format	Color
Hex	3817B5
RGB	56, 23, 181
RGB Percent	22%, 9%, 71%
CMY	0.7804, 0.9098, 0.2902
CMYK	0.69, 0.87, 0.00, 0.29
HSL	253°, 77%, 40%
HSV	253°, 87%, 71%
XYZ	10.2778, 4.7897, 44.0989
YIQ	50.8790, -31.0500, 56.1340

Conversions

Conversions Part 2

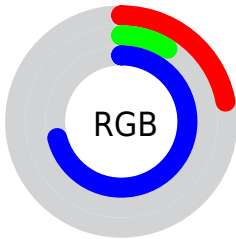
Format	Color
R_{YB}	56, 23, 181
Decimal	3676085
CIE _{Lab}	26.13, 56.63, -75.34
CIE _{LCh}	26, 94.248, 306.928
Yxy	4.7897, 0.1737, 0.0810
Android (android.graphics.Color)	4281866165 (0xFF3817B5)
YUV	50.8790, 64.1497, 4.4911
Hunter-Lab	21.8855, 45.5269, -104.1485

Details

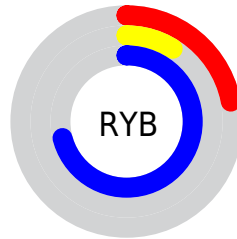
The YUV color **50.8790, 64.1497, 4.4911** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **153.1210, -64.1497, -4.4911**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.6350, 64.2699, 12.5981**, and **14.3640, 55.0365, -12.5972** is the 20% darker color. If you saturate the color by 10%, you get **36.1270, 71.4224, 5.1506**, and if you desaturate by 10%, it is **65.6310, 56.8769, 3.8316**.

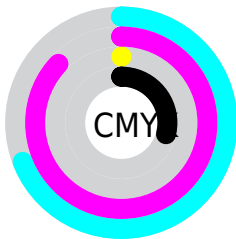
Distribution



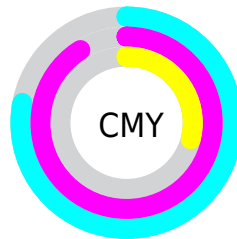
- Red (22%)
- Green (9%)
- Blue (71%)



- Red (22%)
- Yellow (9%)
- Blue (71%)



- Cyan (69%)
- Magenta (87%)
- Yellow (0%)
- Black (29%)



- Cyan (78%)
- Magenta (91%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.8790, 64.1497, 4.4911 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 50.8790, 64.1497, 4.4911 by changing the saturation by 10% instead.

■ 50.8790, 64.1497,
4.4911

■ 50.8790, 64.1497,
4.4911

■ 255.0000, 0.0000,
0.0000

■ 17.4420, 66.8301,
-15.2966

■ 107.6350, 64.2699,
12.5981

■ 14.3640, 55.0365,
-12.5972

■ 133.8050, 59.7491,
15.9570

■ 11.5140, 44.1166,
-10.0978

■ 158.0370, 47.8028,
21.0156

■ 13.8330, 30.1553,
-12.1315

■ 182.8560, 35.5670,
25.5593

■ 8.2760, 21.5559,
-7.2581

■ 208.5610, 22.8944,
30.2030


■ 4.5940, 12.5252,
-4.0289


■ 228.5850, 13.0226,


■ 0.0000, 0.0000,


23.1660


0.0000


 245.6080, 4.6303,
8.2368


 50.8790, 64.1497,
4.4911


 50.8790, 64.1497,
4.4911


 36.1270, 71.4224,
5.1506


 65.6310, 56.8769,
3.8316

 31.9960, 73.4590,
5.2655

 80.6820, 49.4568,
3.7869

 95.4340, 42.1840,
3.1274

 110.1860, 34.9113,
2.4679

 125.8240, 27.2018,
1.9084

■ 140.5760, 19.9290,
1.2488

■ 155.3280, 12.6563,
0.5893

■ 170.3790, 5.2362,
0.5446

■ 185.1310, -2.0366,
-0.1149

Harmonies

Analogous

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



65.7310, 71.6176, -57.6461



50.8790, 64.1497, 4.4911



59.1280, 30.0099, 81.4487

Triad

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



50.8790, 64.1497, 4.4911



53.1910, -26.2232, 57.7145



58.2000, 9.7614, -51.0414

Complementary

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



50.8790, 64.1497, 4.4911



153.1210, -64.1497, -4.4911

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.



48.1340, -23.7301, -42.2135



50.8790, 64.1497, 4.4911



56.6930, -27.9496, 4.6542

Square

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



50.8790, 64.1497, 4.4911



47.2420, -23.2903, 97.1348



45.7860, -22.5725, -40.1543



67.4680, 40.1953, -59.1694

Rectangle

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



50.8790, 64.1497, 4.4911



59.7500, 6.5323, 98.4433



45.7860, -22.5725, -40.1543



54.6490, -1.3060, -47.9272

Sweetspot

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



50.8790, 64.1497, 4.4911



184.5420, 24.8758, 1.2787



114.9740, 32.5508, -80.6612



87.4960, 14.5455, 1.3190



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.



50.8790, 64.1497, 4.4911



41.4410, 95.4246, 6.6292



74.2010, 52.6519, 52.4437



81.6240, 3.6364, 0.3298



27.0100, 62.1131, 4.3762



4.4590, 10.6197, 0.4745

Inverse Universe

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



84.4920, 31.3094, 84.6375



91.4690, 46.6038, 125.8767



129.7990, -52.6519, -52.4437



83.4890, 1.7309, 4.8331



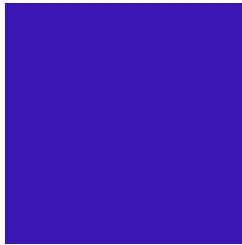
59.5410, 30.2993, 81.9635



10.0540, 4.9034, 13.9846

Previews

White Background



This preview shows how the YUV color 50.8790, 64.1497, 4.4911 looks on a white background.

Color Contrast Check

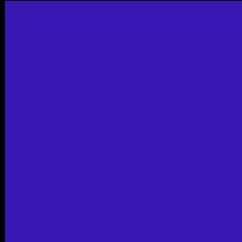
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.8790, 64.1497, 4.4911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

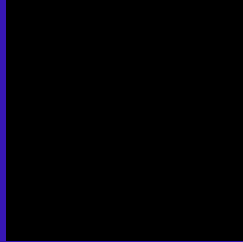
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.8790, 64.1497, 4.4911

Background



This preview shows how black text looks on a background with the YUV color 50.8790, 64.1497, 4.4911.



This preview shows how white text looks on a background with the YUV color 50.8790, 64.1497,

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

50.8790, 64.1497, 4.4911

Protanopia

49.6980, 38.1099, -43.5851

Deuteranopia

49.8800, 28.6532, -43.7448



Tritanopia

48.9390, 12.3551, -42.9195

Trichromacy



Original Color

50.8790, 64.1497, 4.4911

Protanomaly

50.3270, 47.6598, -26.5968

Deuteranomaly

50.1330, 41.8394, -26.4266

Tritanomaly

49.3860, 31.3617, -25.7715

Monochromacy



Original Color

50.8790, 64.1497, 4.4911

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.0860, 23.1286, 1.6786

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.8790, 64.1497, 4.4911 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(56, 23, 181)` looks like.

```
.text, #text, p{  
    color:rgb(56, 23, 181)  
}
```

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(56, 23, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 23, 181) }
```

Border

The CSS property to change the border of an element to YUV 50.8790, 64.1497, 4.4911 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(56, 23, 181) }
```


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

```
.border{ border-color:rgb(56, 23, 181) }
```

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

Here you see how a box with a 4 pixel rgb(56, 23, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 23, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 23, 181);  
box-shadow:4px 4px 4px 4px rgb(56, 23,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 50.8790, 64.1497, 4.4911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 23, 181) }
```

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

```
.background{ background-color: rgb(56, 23,  
181) }
```

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