

Converting Colors

YUV(90.0000, 50.7790, 46.4810)

Have a look what the booklet for
YUV(90.0000, 50.7790, 46.4810)
contains.

YUV(90.0000, 50.7790, 46.4810)	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(90.0000, 50.7790,
46.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	8F2BC1
RGB	143, 43, 193
RGB Percent	56%, 17%, 76%
CMY	0.4392, 0.8314, 0.2431
CMYK	0.26, 0.78, 0.00, 0.24
HSL	280°, 64%, 46%
HSV	280°, 78%, 76%
XYZ	21.8172, 11.4176, 51.5060
YIQ	90.0000, 11.4500, 67.8500

Conversions

Conversions Part 2

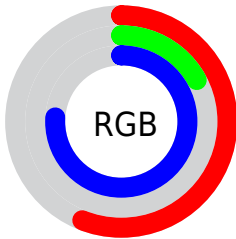
Format	Color
R_{YB}	143, 43, 193
Decimal	9382849
CIE _{Lab}	40.28, 63.58, -58.81
CIE _{LCh}	40, 86.605, 317.232
Yxy	11.4176, 0.2575, 0.1347
Android (android.graphics.Color)	4287572929 (0xFF8F2BC1)
YUV	90.0000, 50.7790, 46.4810
Hunter-Lab	33.7900, 56.1196, -66.7226

Details

The YUV color $90.0000, 50.7790, 46.4810$ is a dark color, and the websafe version is hex $9933CC$. The color can be described as dark muted purple. A complement of this color would be $146.0000, -50.7790, -46.4810$, and the grayscale version is $90.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $147.2990, 50.6316, 47.0958$, and $41.4460, 47.6011, 39.0739$ is the 20% darker color. If you saturate the color by 10%, you get $77.0530, 57.1619, 52.5735$, and if you desaturate by 10%, it is $102.9470, 44.3961, 40.3885$.

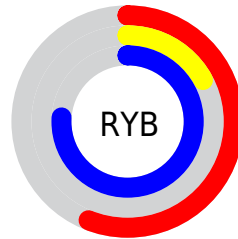
Distribution



Red (56%)

Green (17%)

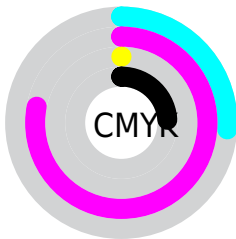
Blue (76%)



Red (56%)

Yellow (17%)

Blue (76%)

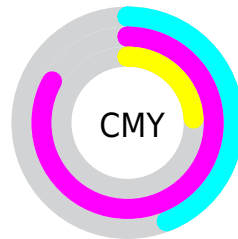


Cyan (26%)

Magenta (78%)

Yellow (0%)

Black (24%)



Cyan (44%)

Magenta (83%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.0000, 50.7790, 46.4810 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 90.0000, 50.7790, 46.4810 by changing the saturation by 10% instead.

90.0000, 50.7790,
46.4810

90.0000, 50.7790,
46.4810

255.0000, 0.0000,
0.0000

53.1950, 55.1199,
54.2030

147.2990, 50.6316,
47.0958

41.4460, 47.6011,
39.0739

172.6880, 40.5798,
51.1396

30.1100, 40.3718,
24.4595

196.3000, 28.9391,
51.4799

19.1870, 33.4318,
10.3600

213.3230, 20.5468,
36.5507

7.0680, 27.0815,
-6.1986

229.7590, 12.4438,
22.1364

6.2070, 16.1669,
-5.4435

247.3690, 3.7621,

2.5250, 7.1362,

6.6924

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 90.0000, 50.7790,
46.4810

■ 90.0000, 50.7790,
46.4810

■ 77.0530, 57.1619,
52.5735

■ 102.9470, 44.3961,
40.3885

■ 63.2200, 63.9815,
58.5661

■ 116.7800, 37.5765,
34.3959

■ 60.5730, 65.2865,
60.0105

■ 129.7270, 31.1936,
28.3034

■ 142.9730, 24.6633,
22.8257

■ 156.5070, 17.9910,
16.2184

■ 169.7530, 11.4608,
10.7406

■ 182.7000, 5.0779,
4.6481

■ 195.6470, -1.3050,
-1.4444

■ 209.4800, -8.1246,
-7.4370

Harmonies

Analogous

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



80.0930, 75.8762, -70.2416



90.0000, 50.7790, 46.4810



74.3920, 26.4287, 110.1582

Triad

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



90.0000, 50.7790, 46.4810



89.7060, -44.2251, 44.9848



87.0040, 23.6620, -76.3025

Complementary

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



90.0000, 50.7790, 46.4810



146.0000, -50.7790, -46.4810

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.



77.3940, -8.0822, -67.8745



90.0000, 50.7790, 46.4810



84.3700, -41.5944, -5.5865

Square

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



90.0000, 50.7790, 46.4810



73.5230, -36.2468, 99.5193



67.5050, -33.2800, -59.2019



93.8270, 52.3433, -82.2863

Rectangle

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



90.0000, 50.7790, 46.4810



72.4370, 4.7146, 121.5198



67.5050, -33.2800, -59.2019



84.2680, 13.1789, -73.9030

Sweetspot

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



90.0000, 50.7790, 46.4810



210.2730, 19.5854, 18.1776



89.4500, 51.0502, -40.7366



100.8670, 11.8976, 10.6406



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



90.0000, 50.7790, 46.4810



89.9070, 78.9258, 71.9956



102.1000, 32.4887, 79.7193



90.2330, 3.3361, 3.3037



50.3470, 54.5519, 49.6847



10.3400, 11.1714, 10.2258

Inverse Universe

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



93.5500, -0.2712, 87.2176



95.5590, -0.2756, 135.4448



133.9000, -32.4887, -79.7193



90.3320, -0.1637, 5.8478



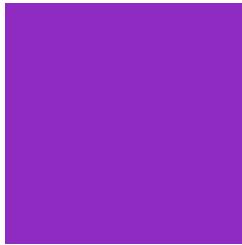
54.2950, -0.1454, 93.5803



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 90.0000, 50.7790, 46.4810 looks on a white background.

Color Contrast Check

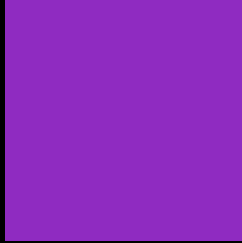
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.0000, 50.7790, 46.4810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

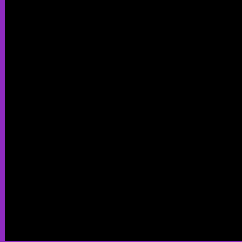
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.0000, 50.7790, 46.4810

Background



This preview shows how black text looks on a background with the YUV color 90.0000, 50.7790, 46.4810.



This preview shows how white text looks on a background with the YUV color 90.0000, 50.7790,

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

90.0000, 50.7790, 46.4810

Protanopia

76.2340, 58.5516, -66.8572

Deuteranopia

77.0200, 46.3321, -67.5465



Tritanopia

96.6550, -3.2809, 25.7356

Trichromacy



Original Color

90.0000, 50.7790, 46.4810



Protanomaly

81.1020, 55.6587, -25.5225



Deuteranomaly

81.7400, 47.9492, -26.0820



Tritanomaly

93.8620, 16.3370, 33.4470

Monochromacy



Original Color

90.0000, 50.7790, 46.4810



Achromatopsia

90.0000, 0.0000, 0.0000



Achromatomaly

89.9200, 18.2804, 16.7332

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.0000, 50.7790, 46.4810 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(143, 43, 193)` looks like.

```
.text, #text, p{  
    color:rgb(143, 43, 193)  
}
```

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(143, 43, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 43, 193) }
```

Border

The CSS property to change the border of an element to YUV 90.0000, 50.7790, 46.4810 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(143, 43, 193) }
```


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

```
.border{ border-color:rgb(143, 43, 193) }
```

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

Here you see how a box with a 4 pixel rgb(143, 43, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 43, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 43, 193);  
box-shadow:4px 4px 4px 4px rgb(143, 43,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 90.0000, 50.7790, 46.4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 43, 193) }
```

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

```
.background{ background-color: rgb(143, 43,  
193) }
```

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