

Converting Colors

YUV(90.5820, 44.5761, 29.3076)

Have a look what the booklet for
YUV(90.5820, 44.5761, 29.3076)
contains.

YUV(90.5820, 44.5761, 29.3076)	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(90.5820, 44.5761,
29.3076)**

Conversions

Conversions Part 1

Format	Color
Hex	7C38B5
RGB	124, 56, 181
RGB Percent	49%, 22%, 71%
CMY	0.5137, 0.7804, 0.2902
CMYK	0.31, 0.69, 0.00, 0.29
HSL	273°, 53%, 46%
HSV	273°, 69%, 71%
XYZ	18.0668, 10.4496, 44.7808
YIQ	90.5820, 0.4030, 53.2910

Conversions

Conversions Part 2

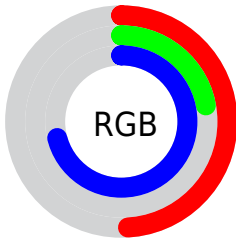
Format	Color
R_{YB}	124, 56, 181
Decimal	8140981
CIE _{Lab}	38.64, 51.98, -54.53
CIE _{LCh}	39, 75.336, 313.628
Yxy	10.4496, 0.2465, 0.1426
Android (android.graphics.Color)	4286331061 (0xFF7C38B5)
YUV	90.5820, 44.5761, 29.3076
Hunter-Lab	32.3259, 43.1928, -59.5059

Details

The YUV color **90.5820, 44.5761, 29.3076** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **146.4180, -44.5761, -29.3076**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.3480, 46.1704, 31.2668**, and **35.1090, 45.3023, 29.7224** is the 20% darker color. If you saturate the color by 10%, you get **77.6240, 50.9644, 33.6558**, and if you desaturate by 10%, it is **103.5400, 38.1878, 24.9594**.

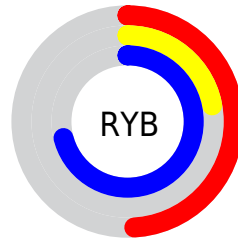
Distribution



Red (49%)

Green (22%)

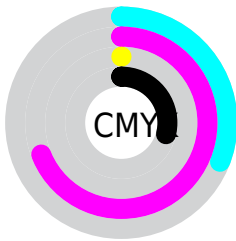
Blue (71%)



Red (49%)

Yellow (22%)

Blue (71%)

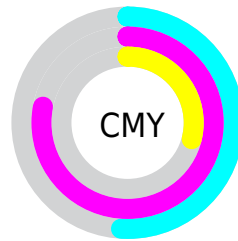


Cyan (31%)

Magenta (69%)

Yellow (0%)

Black (29%)



Cyan (51%)

Magenta (78%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.5820, 44.5761, 29.3076 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 90.5820, 44.5761, 29.3076 by changing the saturation by 10% instead.

90.5820, 44.5761,
29.3076

90.5820, 44.5761,
29.3076

255.0000, 0.0000,
0.0000

63.2830, 44.7235,
28.6928

144.3480, 46.1704,
31.2668

35.1090, 45.3023,
29.7224

170.8060, 41.5076,
33.4961

23.4740, 38.2203,
14.4933

195.6250, 29.2719,
38.0399

11.7680, 32.1594,
-1.5505

216.8450, 18.8104,
33.4619

7.2160, 22.5715,
-6.3284

233.2810, 10.7075,
19.0476

4.7080, 12.9620,
-4.1289

250.3040, 2.3151,

0.1140, 0.4368,

4.1184

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 90.5820, 44.5761,
29.3076

■ 90.5820, 44.5761,
29.3076

■ 77.6240, 50.9644,
33.6558

■ 103.5400, 38.1878,
24.9594

■ 64.3670, 57.5001,
37.3891

■ 116.7970, 31.6521,
21.2260

■ 51.4090, 63.8884,
41.7373

■ 129.7550, 25.2638,
16.8779

■ 49.9360, 64.6146,
42.1521

■ 142.7130, 18.8755,
12.5297

■ 156.2580, 12.1978,
7.6667

■ 169.5150, 5.6621,
3.9333

■ 182.4730, -0.7262,
-0.4148

■ 195.4310, -7.1145,
-4.7630

■ 208.3890,
-13.5028, -9.1112

Harmonies

Analogous

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



76.9980, 66.5560, -67.5272



90.5820, 44.5761, 29.3076



67.9990, 29.0875, 97.3479

Triad

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



90.5820, 44.5761, 29.3076



86.1730, -42.4833, 46.3293



80.9570, 18.2622, -70.9993

Complementary

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



90.5820, 44.5761, 29.3076



146.4180, -44.5761, -29.3076

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.



72.4870, -9.1141, -63.5711



90.5820, 44.5761, 29.3076



82.6530, -40.7479, 2.9353

Square

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



90.5820, 44.5761, 29.3076



73.1690, -36.0723, 90.1828



63.3960, -31.2542, -55.5983



87.4550, 43.1597, -76.6980

Rectangle

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



90.5820, 44.5761, 29.3076



67.3260, 9.6993, 109.3391



63.3960, -31.2542, -55.5983



78.5630, 9.0894, -68.8998

Sweetspot

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



90.5820, 44.5761, 29.3076



198.7730, 17.8599, 11.6001



104.2960, 37.8151, -42.3556



96.0900, 10.3086, 6.9371



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.



90.5820, 44.5761, 29.3076



93.9240, 69.5505, 45.6707



107.1690, 34.4267, 64.7498



82.5210, 3.1941, 2.1741



42.2590, 54.5953, 35.7299



7.1500, 9.2931, 6.0074

Inverse Universe

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



99.8730, 6.4716, 71.1484



108.4510, 10.1307, 110.9835



129.8310, -34.4267, -64.7498



83.1470, 0.4205, 5.1331



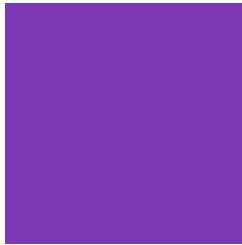
53.7270, 8.0226, 87.0624



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 90.5820, 44.5761, 29.3076 looks on a white background.

Color Contrast Check

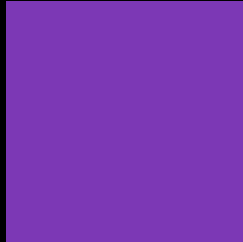
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.5820, 44.5761, 29.3076 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 90.5820, 44.5761, 29.3076

Background



This preview shows how black text looks on a background with the YUV color 90.5820, 44.5761, 29.3076.



This preview shows how white text looks on a background with the YUV color 90.5820, 44.5761,

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

90.5820, 44.5761, 29.3076

Protanopia

72.9740, 56.2148, -63.9982

Deuteranopia

73.1730, 44.2847, -64.1727



Tritanopia

92.6750, -0.3328, 13.4400

Trichromacy



Original Color

90.5820, 44.5761, 29.3076



Protanomaly

79.1570, 52.1806, -29.9557



Deuteranomaly

79.7950, 44.4711, -30.5152



Tritanomaly

91.6600, 15.9436, 19.5922

Monochromacy



Original Color

90.5820, 44.5761, 29.3076



Achromatopsia

91.0000, 0.0000, 0.0000



Achromatomaly

90.7190, 16.4075, 10.7704

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.5820, 44.5761, 29.3076 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(124, 56, 181)` looks like.

```
.text, #text, p{  
    color:rgb(124, 56, 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(124, 56, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 56, 181) }
```

Border

The CSS property to change the border of an element to YUV 90.5820, 44.5761, 29.3076 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(124, 56, 181) }
```


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

```
.border{ border-color:rgb(124, 56, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 56, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 56, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 56, 181);  
box-shadow:4px 4px 4px 4px rgb(124, 56,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 90.5820, 44.5761, 29.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 56, 181) }
```

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

```
.background{ background-color: rgb(124, 56,  
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