

Converting Colors

YUV(75.3080, 50.6272, 95.3229)

Have a look what the booklet for
YUV(75.3080, 50.6272, 95.3229)
contains.

| | |
|--|----|
| YUV(75.3080, 50.6272, 95.3229) | 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> | 30 |

Color

**YUV(75.3080, 50.6272,
95.3229)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---|
| Hex | B800B2 |
| RGB | 184, 0, 178 |
| RGB Percent | 72%, 0%, 70% |
| CMY | 0.2784, 1.0000, 0.3020 |
| CMYK | 0.00, 1.00, 0.03, 0.28 |
| HSL | 302°, 100%, 36% |
| HSV | 302°, 100%, 72% |
| XYZ | 27.8030, 13.4047, 43.2415 |
| YIQ | 75.3080, 52.5260, 94.3660 |

Conversions

Conversions Part 2

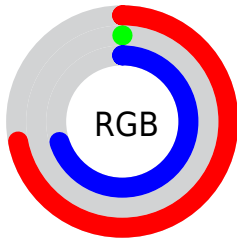
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 184, 0, 178 |
| Decimal | 12058802 |
| CIELab | 43.37, 76.02, -44.65 |
| CIELCh | 43, 88.163, 329.571 |
| Yxy | 13.4047, 0.3292, 0.1587 |
| Android (android.graphics.Color) | 4290248882 (0xFFB800B2) |
| YUV | 75.3080, 50.6272, 95.3229 |
| Hunter-Lab | 36.6124, 71.4790, -44.3963 |

Details

The YUV color **75.3080, 50.6272, 95.3229** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **108.6920, -50.6272, -95.3229**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.7010, 41.0664, 81.8232**, and **51.8100, 35.5897, 65.0646** is the 20% darker color. If you saturate the color by 10%, you get **75.3080, 50.6272, 95.3229**, and if you desaturate by 10%, it is **85.9880, 45.8549, 85.9565**.

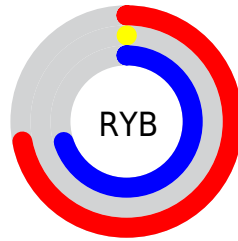
Distribution



Red (72%)

Green (0%)

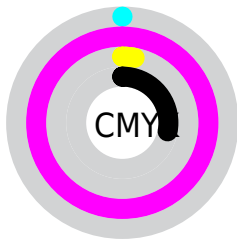
Blue (70%)



Red (72%)

Yellow (0%)

Blue (70%)

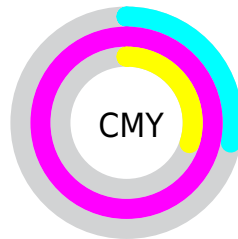


Cyan (0%)

Magenta (100%)

Yellow (3%)

Black (28%)



Cyan (28%)

Magenta (100%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.3080, 50.6272, 95.3229 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 75.3080, 50.6272, 95.3229 by changing the saturation by 10% instead.

75.3080, 50.6272,
95.3229

75.3080, 50.6272,
95.3229

255.0000, 0.0000,
0.0000

63.5590, 43.1084,
80.1938

150.7010, 41.0664,
81.8232

51.8100, 35.5897,
65.0646

173.9940, 39.9360,
71.0423

40.5880, 28.7971,
50.3503

191.6040, 31.2542,
55.5983

29.3660, 22.0046,
35.6360

208.6270, 22.8619,
40.6691

18.3720, 16.0856,
20.7218

226.2370, 14.1802,
25.2252

3.3060, 12.6671,
-2.8994

243.8470, 5.4984,

0.0000, 0.0000,

9.7812

0.0000

■ 75.3080, 50.6272,
95.3229

■ 85.9880, 45.8549,
85.9565

■ 97.1410, 40.3565,
76.1753

■ 107.8210, 35.5842,
66.8090

■ 118.9740, 30.0858,
57.0278

■ 129.6540, 25.3136,
47.6614

■ 140.3340, 20.5413,
38.2951

■ 151.4870, 15.0429,
28.5139

■ 162.1670, 10.2707,
19.1475

■ 173.3200, 4.7722,
9.3664

Harmonies

Analogous

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



96.9960, 66.5570, -21.0445



75.3080, 50.6272, 95.3229



78.2770, 14.1604, 125.1681

Triad

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



75.3080, 50.6272, 95.3229



96.3740, -47.5124, 25.9820



96.7330, 38.0926, -84.8348

Complementary

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



75.3080, 50.6272, 95.3229



108.6920, -50.6272, -95.3229

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.



87.5960, 5.6222, -76.8217



75.3080, 50.6272, 95.3229



83.6180, -41.2237, -31.2370

Square

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



75.3080, 50.6272, 95.3229



91.6870, -45.2017, 78.3275



74.9880, -32.5321, -65.7645



101.3560, 63.4215, -88.8892

Rectangle

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



75.3080, 50.6272, 95.3229



73.2180, -6.5165, 130.4818



74.9880, -32.5321, -65.7645



93.9970, 27.6095, -82.4354

Sweetspot

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



75.3080, 50.6272, 95.3229



197.3940, 19.5258, 37.3655



21.8730, 79.9286, -16.5516



94.5310, 11.5702, 22.3363



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



75.3080, 50.6272, 95.3229



98.2080, 65.9595, 124.3516



65.1620, 11.7521, 104.2209



86.7170, 2.6045, 4.6332



63.7440, 42.5242, 80.9085



11.4500, 7.6662, 14.5144

Inverse Universe

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



75.3080, 50.6272, 95.3229



98.2080, 65.9595, 124.3516



118.8380, -11.7521, -104.2209



86.7170, 2.6045, 4.6332



63.7440, 42.5242, 80.9085



11.4500, 7.6662, 14.5144

Previews

White Background



This preview shows how the YUV color 75.3080, 50.6272, 95.3229 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 75.3080, 50.6272, 95.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

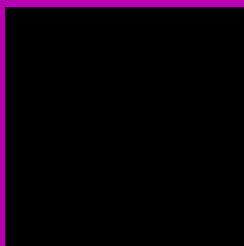
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.3080, 50.6272, 95.3229

Background



This preview shows how black text looks on a background with the YUV color 75.3080, 50.6272, 95.3229.



This preview shows how white text looks on a background with the YUV color 75.3080, 50.6272,

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

83.6830, 64.2463, -73.3900

Deuteranopia

101.3040, 32.3881, -28.3306

Tritanopia

101.2530, -13.4357, 62.9221

Trichromacy



Protanomaly

80.5150, 59.3991, -11.8527

Deuteranomaly

92.0120, 38.9411, 16.6525

Tritanomaly

92.1060, 9.8077, 74.4520

Monochromacy



Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.3290, 18.0788, 34.7915

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.3080, 50.6272, 95.3229 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(184, 0, 178)` looks like.

```
.text, #text, p{  
    color:rgb(184, 0, 178)  
}
```

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(184, 0, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 0, 178) }
```

Border

The CSS property to change the border of an element to YUV 75.3080, 50.6272, 95.3229 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(184, 0, 178) }
```

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

```
.border{ border-color:rgb(184, 0, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 0, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 0, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 0, 178);  
box-shadow:4px 4px 4px 4px rgb(184, 0,  
178) }
```


Background

The CSS property to change the background color of an element to YUV 75.3080, 50.6272, 95.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 0, 178) }
```

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

```
.background{ background-color: rgb(184, 0,  
178) }
```

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