

Converting Colors

YUV(93.9310, 45.3900, 48.2955)

Have a look what the booklet for
YUV(93.9310, 45.3900, 48.2955)
contains.

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Color

**YUV(93.9310, 45.3900,
48.2955)**

Conversions

Conversions Part 1

Format	Color
Hex	9530BA
RGB	149, 48, 186
RGB Percent	58%, 19%, 73%
CMY	0.4157, 0.8118, 0.2706
CMYK	0.20, 0.74, 0.00, 0.27
HSL	284°, 59%, 46%
HSV	284°, 74%, 73%
XYZ	22.3143, 12.0486, 47.6039
YIQ	93.9310, 15.8980, 64.3300

Conversions

Conversions Part 2

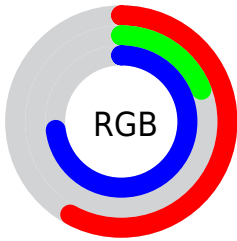
Format	Color
R _Y B	149, 48, 186
Decimal	9777338
CIE Lab	41.29, 61.50, -53.01
CIE LCh	41, 81.192, 319.237
Yxy	12.0486, 0.2722, 0.1470
Android (android.graphics.Color)	4287967418 (0xFF9530BA)
YUV	93.9310, 45.3900, 48.2955
Hunter-Lab	34.7111, 54.0055, -57.0143

Details

The YUV color **93.9310, 45.3900, 48.2955** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **140.0690, -45.3900, -48.2955**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.6430, 45.5320, 49.4251**, and **42.8550, 43.9485, 43.9772** is the 20% darker color. If you saturate the color by 10%, you get **81.2830, 51.6255, 55.0028**, and if you desaturate by 10%, it is **106.5790, 39.1546, 41.5882**.

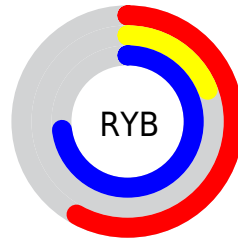
Distribution



Red (58%)

Green (19%)

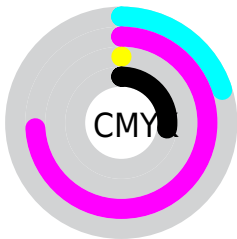
Blue (73%)



Red (58%)

Yellow (19%)

Blue (73%)

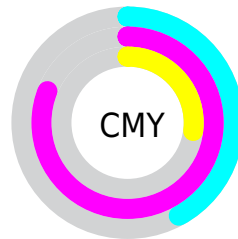


Cyan (20%)

Magenta (74%)

Yellow (0%)

Black (27%)



Cyan (42%)

Magenta (81%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.9310, 45.3900, 48.2955 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 93.9310, 45.3900, 48.2955 by changing the saturation by 10% instead.

93.9310, 45.3900,
48.2955

93.9310, 45.3900,
48.2955

255.0000, 0.0000,
0.0000

60.7620, 48.4313,
52.8287

150.6430, 45.5320,
49.4251

42.8550, 43.9485,
43.9772

177.1180, 38.3958,
51.6395

31.5190, 36.7191,
29.3628

198.6480, 27.7815,
49.4207

21.1940, 29.4844,
16.4929

215.6710, 19.3892,
34.4915

6.4980, 24.8975,
-5.6987

232.1070, 11.2862,
20.0772

5.0500, 14.2723,
-4.4289

249.7170, 2.6045,

1.0260, 3.9312,

4.6332

-0.8998

■ 0.0000, 0.0000,
0.0000

■ 93.9310, 45.3900,
48.2955

■ 93.9310, 45.3900,
48.2955

■ 81.2830, 51.6255,
55.0028

■ 106.5790, 39.1546,
41.5882

■ 69.2220, 57.5716,
61.1953

■ 118.6400, 33.2085,
35.3957

■ 61.8680, 61.1971,
65.0138

■ 131.2880, 26.9730,
28.6884

■ 143.3490, 21.0269,
22.4959

■ 155.9970, 14.7915,
15.7886

■ 168.6450, 8.5560,
9.0813

■ 180.7060, 2.6099,
2.8888

■ 193.3540, -3.6255,
-3.8185

■ 205.4150, -9.5716,
-10.0110

Harmonies

Analogous

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



79.1810, 72.3818, -69.4417



93.9310, 45.3900, 48.2955



73.6370, 24.8290, 109.9434

Triad

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



93.9310, 45.3900, 48.2955



92.0430, -45.3772, 41.1813



88.7480, 25.2672, -77.8320

Complementary

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



93.9310, 45.3900, 48.2955



140.0690, -45.3900, -48.2955

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.



79.5940, -4.7298, -69.8039



93.9310, 45.3900, 48.2955



86.4300, -42.6100, -6.5161

Square

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



93.9310, 45.3900, 48.2955



82.0180, -40.4349, 89.4382



69.2660, -34.1481, -60.7463



94.3000, 51.6171, -82.7011

Rectangle

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



93.9310, 45.3900, 48.2955



71.6110, 4.1358, 120.4902



69.2660, -34.1481, -60.7463



85.5390, 15.5103, -75.0177

Sweetspot

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



93.9310, 45.3900, 48.2955



206.7030, 17.4014, 18.6775



86.6250, 48.9919, -33.8741



101.4110, 10.1504, 11.0406



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.



93.9310, 45.3900, 48.2955



98.4530, 70.7687, 75.0247



101.5740, 26.8320, 74.0416



85.8200, 3.0467, 2.7889



51.8700, 51.3361, 54.4880



9.4710, 9.1348, 10.1109

Inverse Universe

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



93.4800, -4.1806, 81.1400



97.7830, -6.7950, 126.4783



132.4260, -26.8320, -74.0416



85.9190, -0.4531, 5.3330



51.4320, -4.6500, 91.7061



9.2840, -0.6330, 16.4139

Previews

White Background



This preview shows how the YUV color 93.9310, 45.3900, 48.2955 looks on a white background.

Color Contrast Check

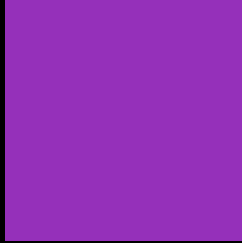
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.9310, 45.3900, 48.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

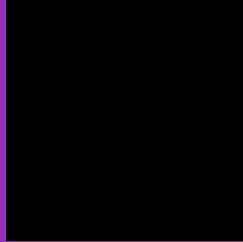
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.9310, 45.3900, 48.2955

Background



This preview shows how black text looks on a background with the YUV color 93.9310, 45.3900, 48.2955.



This preview shows how white text looks on a background with the YUV color 93.9310, 45.3900,

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

93.9310, 45.3900, 48.2955

Protanopia

78.5650, 59.8675, -68.9015

Deuteranopia

80.6720, 47.4897, -65.4873



Tritanopia

99.2320, -5.0444, 31.3685

Trichromacy



Original Color

93.9310, 45.3900, 48.2955



Protanomaly

84.1620, 54.6431, -26.4521



Deuteranomaly

85.4090, 46.6334, -24.0377



Tritanomaly

97.0860, 13.2686, 37.6356

Monochromacy



Original Color

93.9310, 45.3900, 48.2955



Achromatopsia

94.0000, 0.0000, 0.0000



Achromatomaly

93.7630, 16.3858, 17.7478

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.9310, 45.3900, 48.2955 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(149, 48, 186)` looks like.

```
.text, #text, p{  
    color:rgb(149, 48, 186)  
}
```

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(149, 48, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 48, 186) }
```

Border

The CSS property to change the border of an element to YUV 93.9310, 45.3900, 48.2955 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(149, 48, 186) }
```


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

```
.border{ border-color:rgb(149, 48, 186) }
```

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

Here you see how a box with a 4 pixel rgb(149, 48, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 48, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 48, 186);  
box-shadow:4px 4px 4px 4px rgb(149, 48,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 93.9310, 45.3900, 48.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 48, 186) }
```

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

```
.background{ background-color: rgb(149, 48,  
186) }
```

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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