

Converting Colors

YUV(93.9250, 58.2110, 89.5198)

Have a look what the booklet for
YUV(93.9250, 58.2110, 89.5198)
contains.

YUV(93.9250, 58.2110, 89.5198)	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(93.9250, 58.2110,
89.5198)**

Conversions

Conversions Part 1

Format	Color
Hex	C413D4
RGB	196, 19, 212
RGB Percent	77%, 7%, 83%
CMY	0.2314, 0.9255, 0.1686
CMYK	0.08, 0.91, 0.00, 0.17
HSL	295°, 84%, 45%
HSV	295°, 91%, 83%
XYZ	34.8815, 16.9550, 63.7215
YIQ	93.9250, 43.5390, 97.5470

Conversions

Conversions Part 2

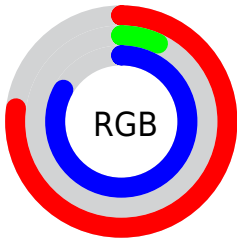
Format	Color
R _{YB}	196, 19, 212
Decimal	12850132
CIE _{Lab}	48.20, 81.24, -56.60
CIE _{LCh}	48, 99.009, 325.137
Yxy	16.9550, 0.3019, 0.1467
Android (android.graphics.Color)	4291040212 (0xFFC413D4)
YUV	93.9250, 58.2110, 89.5198
Hunter-Lab	41.1764, 79.1527, -62.9293

Details

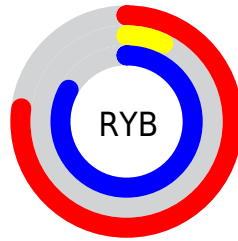
The YUV color **93.9250, 58.2110, 89.5198** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **137.0750, -58.2110, -89.5198**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.6670, 46.0132, 81.8530**, and **58.7470, 47.9457, 68.6279** is the 20% darker color. If you saturate the color by 10%, you get **82.1740, 64.0042, 98.0714**, and if you desaturate by 10%, it is **106.8500, 51.8390, 79.9386**.

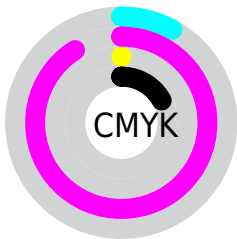
Distribution



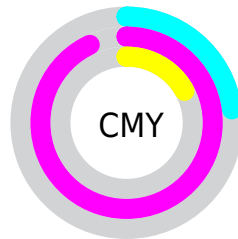
- Red (77%)
- Green (7%)
- Blue (83%)



- Red (77%)
- Yellow (7%)
- Blue (83%)



- Cyan (8%)
- Magenta (91%)
- Yellow (0%)
- Black (17%)





- Cyan (23%)
- Magenta (93%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.9250, 58.2110, 89.5198 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 93.9250, 58.2110, 89.5198 by changing the saturation by 10% instead.


 93.9250, 58.2110,
89.5198


 93.9250, 58.2110,
89.5198


255.0000, 0.0000,
0.0000


 70.6100, 55.9013,
83.6570


 161.6670, 46.0132,
81.8530


 58.7470, 47.9457,
68.6279


 179.8640, 37.0420,
65.8943


 47.1120, 40.8638,
53.3988


 197.4740, 28.3603,
50.4503

 35.4770, 33.7818,
38.1697

 214.4970, 19.9680,
35.5211

 24.8530, 26.6945,
24.6849

 232.1070, 11.2862,
20.0772

 11.9510, 21.2232,
6.1820

 249.7170, 2.6045,

 4.8220, 13.3988,

4.6332

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 93.9250, 58.2110,
89.5198

■ 93.9250, 58.2110,
89.5198

■ 82.1740, 64.0042,
98.0714

■ 106.8500, 51.8390,
79.9386

■ 119.7750, 45.4669,
70.3573

■ 132.9880, 38.9529,
59.6465

■ 145.9130, 32.5809,
50.0653

■ 158.8380, 26.2089,
40.4841

■ 171.7630, 19.8368,
30.9028

■ 184.3890, 13.6122,
20.7068

■ 197.9010, 6.9508,
10.6108

■ 210.8260, 0.5788,
1.0296

Harmonies

Analogous

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



87.1830, 82.7338, -76.4595



93.9250, 58.2110, 89.5198



88.9010, 21.2478, 138.6528

Triad

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



93.9250, 58.2110, 89.5198



107.9580, -53.2233, 37.7478



107.2650, 37.8304, -94.0714

Complementary

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



93.9250, 58.2110, 89.5198



137.0750, -58.2110, -89.5198

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.



96.2870, 0.8445, -84.4437



93.9250, 58.2110, 89.5198



96.6420, -47.6445, -25.1190

Square

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



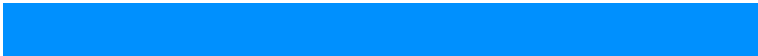
93.9250, 58.2110, 89.5198



98.3090, -48.4663, 98.8300



82.1800, -40.5147, -72.0719



113.4840, 69.2744, -99.5255

Rectangle

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



93.9250, 58.2110, 89.5198



84.1260, -3.5131, 147.2255



82.1800, -40.5147, -72.0719



103.4860, 25.8894, -90.7572

Sweetspot

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



93.9250, 58.2110, 89.5198



212.7030, 20.8524, 31.8325



50.3940, 79.6718, -27.5325



102.7370, 12.4547, 18.6477



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



93.9250, 58.2110, 89.5198



99.0360, 76.8903, 118.3634



89.5890, 20.9086, 107.3544



100.2440, 3.3307, 5.0480



66.4370, 51.5496, 79.4238



16.8620, 12.8860, 20.2920

Inverse Universe

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



78.5310, -21.4608, 117.0523



78.6390, -28.4160, 154.6686



141.4110, -20.9086, -107.3544



99.4030, -1.1847, 6.6626



52.7250, -19.0914, 103.7272



13.3130, -4.5913, 26.0355

Previews

White Background



This preview shows how the YUV color 93.9250, 58.2110, 89.5198 looks on a white background.

Color Contrast Check

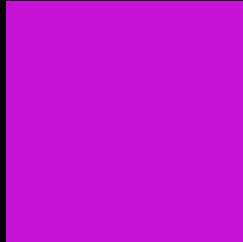
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.9250, 58.2110, 89.5198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

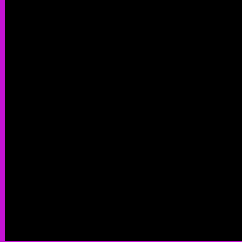
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.9250, 58.2110, 89.5198

Background



This preview shows how black text looks on a background with the YUV color 93.9250, 58.2110, 89.5198.



This preview shows how white text looks on a background with the YUV color 93.9250, 58.2110,

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

93.9250, 58.2110, 89.5198

Protanopia

91.9470, 70.5251, -80.6375

Deuteranopia

106.1300, 46.2779, -50.1030



Tritanopia

113.6870, -11.6777, 59.0335

Trichromacy



Original Color

93.9250, 58.2110, 89.5198



Protanomaly

92.8930, 66.1148, -19.2002



Deuteranomaly

101.3010, 50.6306, 0.6130



Tritanomaly

106.1100, 13.7498, 70.0635

Monochromacy



Original Color

93.9250, 58.2110, 89.5198



Achromatopsia

94.0000, 0.0000, 0.0000



Achromatomaly

94.1160, 21.1418, 32.3473

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.9250, 58.2110, 89.5198 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(196, 19, 212)` looks like.

```
.text, #text, p{  
    color:rgb(196, 19, 212)  
}
```

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(196, 19, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 19, 212) }
```

Border

The CSS property to change the border of an element to YUV 93.9250, 58.2110, 89.5198 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(196, 19, 212) }
```


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

```
.border{ border-color:rgb(196, 19, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 19, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 19, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 19, 212);  
box-shadow:4px 4px 4px 4px rgb(196, 19,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 93.9250, 58.2110, 89.5198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 19, 212) }
```

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

```
.background{ background-color: rgb(196, 19,  
212) }
```

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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