

Converting Colors

YUV(91.9050, 51.8118, 88.6603)

Have a look what the booklet for
YUV(91.9050, 51.8118, 88.6603)
contains.

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Color

**YUV(91.9050, 51.8118,
88.6603)**

Conversions

Conversions Part 1

Format	Color
Hex	C114C5
RGB	193, 20, 197
RGB Percent	76%, 8%, 77%
CMY	0.2431, 0.9216, 0.2275
CMYK	0.02, 0.90, 0.00, 0.23
HSL	299°, 82%, 43%
HSV	299°, 90%, 77%
XYZ	32.3205, 15.8690, 54.1829
YIQ	91.9050, 46.2910, 91.7230

Conversions

Conversions Part 2

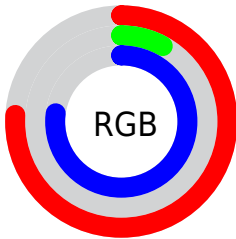
Format	Color
R_{YB}	193, 20, 197
Decimal	12653765
CIE _{Lab}	46.80, 78.29, -50.21
CIE _{LCh}	47, 93.010, 327.329
Yxy	15.8690, 0.3157, 0.1550
Android (android.graphics.Color)	4290843845 (0xFFC114C5)
YUV	91.9050, 51.8118, 88.6603
Hunter-Lab	39.8359, 75.1117, -52.7583

Details

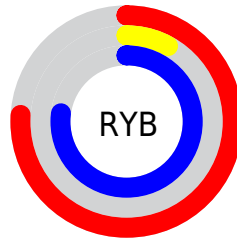
The YUV color **91.9050, 51.8118, 88.6603** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **125.0950, -51.8118, -88.6603**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.3680, 46.1606, 81.2383**, and **56.5530, 42.1254, 68.7980** is the 20% darker color. If you saturate the color by 10%, you get **80.1650, 57.5997, 98.9563**, and if you desaturate by 10%, it is **103.6450, 46.0240, 78.3643**.

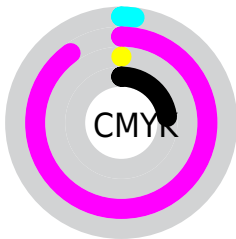
Distribution



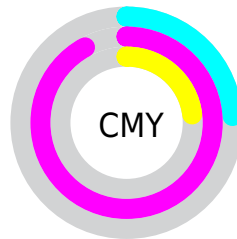
- Red (76%)
- Green (8%)
- Blue (77%)



- Red (76%)
- Yellow (8%)
- Blue (77%)



- Cyan (2%)
- Magenta (90%)
- Yellow (0%)
- Black (23%)




- Cyan (24%)
- Magenta (92%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 91.9050, 51.8118, 88.6603 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 91.9050, 51.8118, 88.6603 by changing the saturation by 10% instead.


 91.9050, 51.8118,
88.6603


 91.9050, 51.8118,
88.6603


255.0000, 0.0000,
0.0000


 68.3020, 49.6441,
83.9271


 160.3680, 46.1606,
81.2383


 56.5530, 42.1254,
68.7980


 178.6900, 37.6208,
66.9239


 44.9180, 35.0434,
53.5689


 196.3000, 28.9391,
51.4799

 33.6960, 28.2509,
38.8546

 213.9100, 20.2574,
36.0359

 22.8870, 21.7477,
24.6551

 230.9330, 11.8650,
21.1068

 9.9850, 16.2764,
6.1522

 248.5430, 3.1833,

 2.9810, 8.8834,

5.6628

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 91.9050, 51.8118,
88.6603

■ 91.9050, 51.8118,
88.6603

■ 80.1650, 57.5997,
98.9563

■ 103.6450, 46.0240,
78.3643

■ 115.0970, 40.3782,
69.1979

■ 126.8370, 34.5904,
58.9020

■ 138.8760, 28.6551,
49.2207

■ 150.6160, 22.8673,
38.9248

■ 162.0680, 17.2215,
29.7584

■ 173.8080, 11.4337,
19.4624

■ 185.8470, 5.4984,
9.7812

■ 197.0000, 0.0000,
0.0000

Harmonies

Analogous

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



100.7750, 75.0469, -37.5137



91.9050, 51.8118, 88.6603



84.7710, 18.3539, 133.5048

Triad

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



91.9050, 51.8118, 88.6603



104.6800, -51.6072, 32.7296



103.5150, 38.6931, -90.7827

Complementary

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



91.9050, 51.8118, 88.6603



125.0950, -51.8118, -88.6603

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.



93.8080, 4.0387, -82.2696



91.9050, 51.8118, 88.6603



92.5000, -45.6025, -26.7485

Square

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



91.9050, 51.8118, 88.6603



98.2430, -48.4338, 88.3639



79.8320, -39.3572, -70.0127



108.8220, 66.6428, -95.4369

Rectangle

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



91.9050, 51.8118, 88.6603



79.5550, -4.2176, 139.8333



79.8320, -39.3572, -70.0127



100.5510, 27.3364, -88.1832

Sweetspot

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



91.9050, 51.8118, 88.6603



213.8990, 20.2628, 34.2916



43.7000, 75.5769, -20.7849



103.6340, 12.0124, 20.4920



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.



91.9050, 51.8118, 88.6603



103.5210, 74.6791, 127.5851



83.6390, 14.9680, 99.4176



93.7170, 2.6045, 4.6332



66.4220, 47.6130, 82.0679



14.5690, 10.5655, 17.9180

Inverse Universe

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



73.3790, -24.3438, 108.4156



76.9290, -34.9680, 156.1683



133.3610, -14.9680, -99.4176



92.6910, -1.3267, 5.5330



49.1930, -22.2801, 99.8087



10.8780, -4.8699, 22.0320

Previews

White Background



This preview shows how the YUV color 91.9050, 51.8118, 88.6603 looks on a white background.

Color Contrast Check

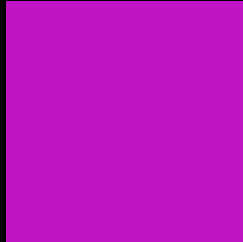
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.9050, 51.8118, 88.6603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

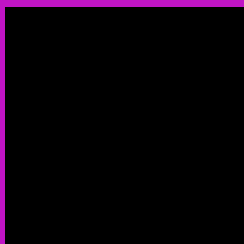
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.9050, 51.8118, 88.6603

Background



This preview shows how black text looks on a background with the YUV color 91.9050, 51.8118, 88.6603.



This preview shows how white text looks on a background with the YUV color 91.9050, 51.8118,

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

91.9050, 51.8118, 88.6603

Protanopia

89.5020, 68.7725, -78.4933

Deuteranopia

106.5570, 38.6724, -37.3225



Tritanopia

109.7690, -12.7041, 61.5926

Trichromacy



Original Color

91.9050, 51.8118, 88.6603



Protanomaly

90.2800, 62.4730, -17.7856



Deuteranomaly

101.1080, 43.3308, 8.6753



Tritanomaly

103.6110, 10.5448, 71.3782

Monochromacy



Original Color

91.9050, 51.8118, 88.6603



Achromatopsia

92.0000, 0.0000, 0.0000



Achromatomaly

92.1330, 18.6684, 32.3324

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.9050, 51.8118, 88.6603 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(193, 20, 197)` looks like.

```
.text, #text, p{  
    color:rgb(193, 20, 197)  
}
```

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(193, 20, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 20, 197) }
```

Border

The CSS property to change the border of an element to YUV 91.9050, 51.8118, 88.6603 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(193, 20, 197) }
```


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

```
.border{ border-color:rgb(193, 20, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 20, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 20, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 20, 197);  
box-shadow:4px 4px 4px 4px rgb(193, 20,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 91.9050, 51.8118, 88.6603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 20, 197) }
```

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

```
.background{ background-color: rgb(193, 20,  
197) }
```

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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