

Converting Colors

YUV(91.7060, 63.7419, 88.8348)

Have a look what the booklet for
YUV(91.7060, 63.7419, 88.8348)
contains.

YUV(91.7060, 63.7419, 88.8348)	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(91.7060, 63.7419,
88.8348)**

Conversions

Conversions Part 1

Format	Color
Hex	C10FDD
RGB	193, 15, 221
RGB Percent	76%, 6%, 87%
CMY	0.2431, 0.9412, 0.1333
CMYK	0.13, 0.93, 0.00, 0.13
HSL	292°, 87%, 46%
HSV	292°, 93%, 87%
XYZ	35.2143, 16.8996, 69.8126
YIQ	91.7060, 39.9620, 101.8020

Conversions

Conversions Part 2

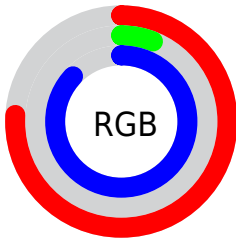
Format	Color
RYB	193, 15, 221
Decimal	12652509
CIELab	48.13, 82.68, -61.89
CIELCh	48, 103.272, 323.184
Yxy	16.8996, 0.2888, 0.1386
Android (android.graphics.Color)	4290842589 (0xFFC10FDD)
YUV	91.7060, 63.7419, 88.8348
Hunter-Lab	41.1091, 80.9633, -71.9115

Details

The YUV color **91.7060, 63.7419, 88.8348** 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 **144.2940, -63.7419, -88.8348**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.7810, 46.4500, 81.7531**, and **58.8760, 52.3191, 65.8837** is the 20% darker color. If you saturate the color by 10%, you get **82.3030, 68.3776, 95.3273**, and if you desaturate by 10%, it is **105.5170, 56.9331, 79.3536**.

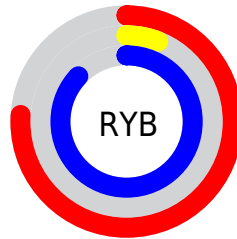
Distribution



Red (76%)

Green (6%)

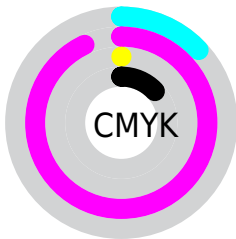
Blue (87%)



Red (76%)

Yellow (6%)

Blue (87%)

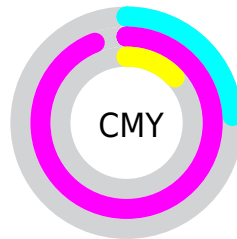


Cyan (13%)

Magenta (93%)

Yellow (0%)

Black (13%)



Cyan (24%)

Magenta (94%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.7060, 63.7419, 88.8348 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 91.7060, 63.7419, 88.8348 by changing the saturation by 10% instead.

91.7060, 63.7419,
88.8348

91.7060, 63.7419,
88.8348

255.0000, 0.0000,
0.0000

70.7390, 60.2747,
80.9129

160.7810, 46.4500,
81.7531

58.8760, 52.3191,
65.8837

179.2770, 37.3314,
66.4091

47.1270, 44.8004,
50.7546

196.8870, 28.6497,
50.9651

35.0790, 37.4291,
35.0107

213.9100, 20.2574,
36.0359

24.1560, 30.4891,
20.9112

231.5200, 11.5756,
20.5920

9.7590, 25.7548,
-0.6656

249.1300, 2.8939,

6.2070, 16.1669,

5.1480

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 91.7060, 63.7419,
88.8348

■ 91.7060, 63.7419,
88.8348

■ 82.3030, 68.3776,
95.3273

■ 105.5170, 56.9331,
79.3536

■ 119.3280, 50.1243,
69.8723

■ 133.1390, 43.3155,
60.3911

■ 146.9500, 36.5067,
50.9099

■ 161.3480, 29.4084,
40.9138

■ 175.1590, 22.5996,
31.4326

■ 188.9700, 15.7908,
21.9513

■ 202.7810, 8.9820,
12.4701

■ 216.5920, 2.1731,
2.9888

Harmonies

Analogous

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



88.3570, 82.1550, -77.4891



91.7060, 63.7419, 88.8348



90.4820, 23.4264, 139.8973

Triad

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



91.7060, 63.7419, 88.8348



107.6920, -53.0922, 42.3661



107.0370, 36.9568, -93.8714

Complementary

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



91.7060, 63.7419, 88.8348



144.2940, -63.7419, -88.8348

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.



95.4890, -2.2131, -83.7439



91.7060, 63.7419, 88.8348



96.9520, -47.7973, -22.7599

Square

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



91.7060, 63.7419, 88.8348



94.2330, -46.4569, 107.6667



82.1800, -40.5147, -72.0719



114.1850, 69.4218, -100.1402

Rectangle

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



91.7060, 63.7419, 88.8348



85.4790, -2.2081, 148.6699



82.1800, -40.5147, -72.0719



103.6170, 23.8528, -90.8721

Sweetspot

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



91.7060, 63.7419, 88.8348



210.3330, 22.0208, 30.4030



56.6810, 81.0093, -36.5542



100.3780, 13.6176, 18.9625



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.



91.7060, 63.7419, 88.8348



94.8500, 78.9540, 109.7566



91.8700, 28.1651, 113.2470



102.9450, 3.4781, 4.4332



64.5720, 53.4550, 74.9204



17.2040, 14.1964, 19.9921

Inverse Universe

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



79.7860, -18.1355, 123.8447



80.2350, -22.3009, 153.2689



144.1300, -28.1651, -113.2470



102.4030, -1.1847, 6.6626



54.4630, -15.0183, 103.9569



14.4380, -4.1599, 27.6799

Previews

White Background



This preview shows how the YUV color 91.7060, 63.7419, 88.8348 looks on a white background.

Color Contrast Check

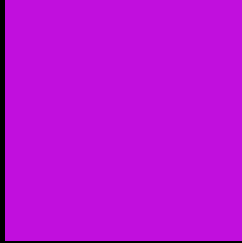
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.7060, 63.7419, 88.8348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

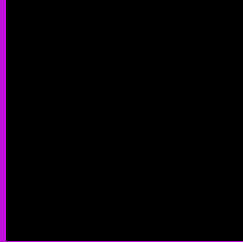
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.7060, 63.7419, 88.8348

Background



This preview shows how black text looks on a background with the YUV color 91.7060, 63.7419, 88.8348.



This preview shows how white text looks on a background with the YUV color 91.7060, 63.7419,

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

91.7060, 63.7419, 88.8348

Protanopia

91.9470, 70.5251, -80.6375

Deuteranopia

95.3810, 55.5212, -74.8791



Tritanopia

114.5940, -10.6458, 54.7301

Trichromacy



Original Color

91.7060, 63.7419, 88.8348



Protanomaly

91.7620, 68.1513, -19.0853



Deuteranomaly

94.2650, 58.5364, -15.1414



Tritanomaly

106.4840, 16.5234, 67.1045

Monochromacy



Original Color

91.7060, 63.7419, 88.8348



Achromatopsia

92.0000, 0.0000, 0.0000



Achromatomaly

91.9850, 23.1784, 32.4622

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.7060, 63.7419, 88.8348 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, 15, 221)` looks like.

```
.text, #text, p{  
    color:rgb(193, 15, 221)  
}
```

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, 15, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 15, 221) }
```

Border

The CSS property to change the border of an element to YUV 91.7060, 63.7419, 88.8348 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, 15, 221) }
```


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

```
.border{ border-color:rgb(193, 15, 221) }
```

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

Here you see how a box with a 4 pixel rgb(193, 15, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 15, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 15, 221);  
box-shadow:4px 4px 4px 4px rgb(193, 15,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 91.7060, 63.7419, 88.8348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 15, 221) }
```

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

```
.background{ background-color: rgb(193, 15,  
221) }
```

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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