

Converting Colors

YUV(89.5500, 63.8188,
110.8966)

Have a look what the booklet for
YUV(89.5500, 63.8188, 110.8966)
contains.

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Color

**YUV(89.5500, 63.8188,
110.8966)**

Conversions

Conversions Part 1

Format	Color
Hex	D800DB
RGB	216, 0, 219
RGB Percent	85%, 0%, 86%
CMY	0.1529, 1.0000, 0.1412
CMYK	0.01, 1.00, 0.00, 0.14
HSL	299°, 100%, 43%
HSV	299°, 100%, 86%
XYZ	41.1051, 19.7134, 68.6564
YIQ	89.5500, 58.4370, 113.9010

Conversions

Conversions Part 2

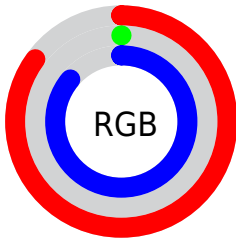
Format	Color
RYB	216, 0, 219
Decimal	14155995
CIELab	51.51, 87.12, -55.10
CIELCh	52, 103.080, 327.685
Yxy	19.7134, 0.3175, 0.1523
Android (android.graphics.Color)	4292346075 (0xFFD800DB)
YUV	89.5500, 63.8188, 110.8966
Hunter-Lab	44.3998, 87.5548, -60.6017

Details

The YUV color **89.5500, 63.8188, 110.8966** 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 **129.4500, -63.8188, -110.8966**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.6670, 46.0132, 81.8530**, and **65.2260, 48.2026, 79.6088** is the 20% darker color. If you saturate the color by 10%, you get **89.5500, 63.8188, 110.8966**, and if you desaturate by 10%, it is **102.4640, 57.4522, 99.5711**.

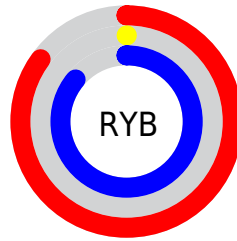
Distribution



Red (85%)

Green (0%)

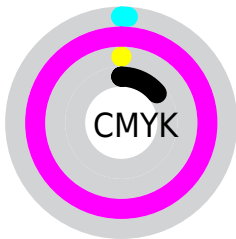
Blue (86%)



Red (85%)

Yellow (0%)

Blue (86%)

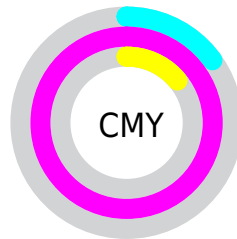


Cyan (1%)

Magenta (100%)

Yellow (0%)

Black (14%)



Cyan (15%)


Magenta (100%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.5500, 63.8188, 110.8966 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 89.5500, 63.8188, 110.8966 by changing the saturation by 10% instead.


 89.5500, 63.8188,
110.8966


 89.5500, 63.8188,
110.8966


255.0000, 0.0000,
0.0000


 77.3880, 56.0107,
95.2527


 161.6670, 46.0132,
81.8530


 65.2260, 48.2026,
79.6088

 180.4510, 36.7527,
65.3795


 53.4770, 40.6838,
64.4797


 198.0610, 28.0709,
49.9355

 41.5430, 33.7493,
48.6358

 215.6710, 19.3892,
34.4915

 30.6200, 26.8093,
34.5363

 233.8680, 10.4181,
18.5328

 18.6150, 20.8958,
17.8776

 251.4780, 1.7363,

 4.3320, 16.5983,

3.0888

-3.7992

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 89.5500, 63.8188,
110.8966

■ 102.4640, 57.4522,
99.5711

■ 115.6770, 50.9382,
88.8603

■ 128.5910, 44.5716,
77.5347

■ 141.5050, 38.2050,
66.2091

■ 154.7180, 31.6910,
55.4983

■ 167.0450, 25.6138,
44.6875

■ 179.9590, 19.2472,
33.3620

■ 192.8730, 12.8806,
22.0364

■ 206.0860, 6.3666,
11.3256

Harmonies

Analogous

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



107.4820, 72.7264, -39.8877



89.5500, 63.8188, 110.8966



91.5210, 20.9421, 143.3711

Triad

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



89.5500, 63.8188, 110.8966



115.9100, -57.1436, 35.1589



115.4150, 43.6724, -101.2190

Complementary

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



89.5500, 63.8188, 110.8966



129.4500, -63.8188, -110.8966

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.



103.8670, 4.5026, -91.0914



89.5500, 63.8188, 110.8966



101.3160, -49.9488, -32.7261

Square

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



89.5500, 63.8188, 110.8966



108.0440, -53.2657, 98.1854



88.6370, -43.6980, -77.7346



118.8810, 67.1067, -104.2586

Rectangle

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



89.5500, 63.8188, 110.8966



85.0230, -3.9553, 149.0698



88.6370, -43.6980, -77.7346



112.1090, 31.0053, -98.3196

Sweetspot

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



89.5500, 63.8188, 110.8966



210.0890, 22.1411, 38.5099



27.3140, 94.5012, -23.9544



100.6990, 13.4594, 23.0660



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.



89.5500, 63.8188, 110.8966



104.4180, 74.2369, 129.4294



78.3630, 17.0760, 123.3386



103.2440, 3.3307, 5.0480



70.8510, 50.3595, 87.8307



18.6990, 13.4594, 23.0660

Inverse Universe

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



65.8230, -30.9717, 134.3362



76.5870, -36.2784, 156.4682



140.6370, -17.0760, -123.3386



102.2890, -1.6215, 6.7625



51.9550, -24.6278, 106.1565



13.8680, -6.3439, 28.1798

Previews

White Background



This preview shows how the YUV color 89.5500, 63.8188, 110.8966 looks on a white background.

Color Contrast Check

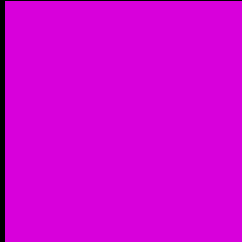
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 89.5500, 63.8188, 110.8966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

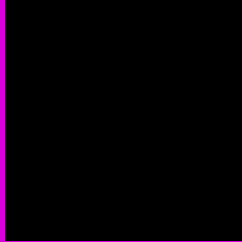
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 89.5500, 63.8188, 110.8966

Background



This preview shows how black text looks on a background with the YUV color 89.5500, 63.8188, 110.8966.



This preview shows how white text looks on a background with the YUV color 89.5500, 63.8188,

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

99.3960, 76.2198, -87.1703

Deuteranopia

118.0880, 43.3406, -41.2962

Tritanopia

121.3680, -14.4784, 70.7143

Trichromacy



Protanomaly

95.7070, 71.6294, -14.6520

Deuteranomaly

108.0900, 50.7346, 13.9531

Tritanomaly

109.9100, 13.8484, 85.1479

Monochromacy



Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.7410, 23.2987, 40.5691

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5500, 63.8188, 110.8966 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(216, 0, 219)` looks like.

```
.text, #text, p{  
    color:rgb(216, 0, 219)  
}
```

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(216, 0, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 0, 219) }
```

Border

The CSS property to change the border of an element to YUV 89.5500, 63.8188, 110.8966 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(216, 0, 219) }
```

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

```
.border{ border-color:rgb(216, 0, 219) }
```

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

Here you see how a box with a 4 pixel rgb(216, 0, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 0, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 0, 219);  
box-shadow:4px 4px 4px 4px rgb(216, 0,  
219) }
```


Background

The CSS property to change the background color of an element to YUV 89.5500, 63.8188, 110.8966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 0, 219) }
```

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

```
.background{ background-color: rgb(216, 0,  
219) }
```

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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