

Converting Colors

YUV(128.8800, 49.8522,
110.6072)

Have a look what the booklet for
YUV(128.8800, 49.8522, 110.6072)
contains.

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Color

**YUV(128.8800, 49.8522,
110.6072)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2DE6
RGB	255, 45, 230
RGB Percent	100%, 18%, 90%
CMY	0.0000, 0.8235, 0.0980
CMYK	0.00, 0.82, 0.10, 0.00
HSL	307°, 100%, 59%
HSV	307°, 82%, 100%
XYZ	56.4613, 28.8499, 77.4557
YIQ	128.8800, 65.7750, 102.0550

Conversions

Conversions Part 2

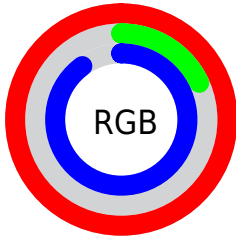
Format	Color
R _Y B	255, 45, 230
Decimal	16723430
CIE Lab	60.65, 89.93, -46.38
CIE LCh	61, 101.188, 332.717
Yxy	28.8499, 0.3469, 0.1772
Android (android.graphics.Color)	4294913510 (0xFFFF2DE6)
YUV	128.8800, 49.8522, 110.6072
Hunter-Lab	53.7121, 93.6400, -47.9007

Details

The YUV color **128.8800, 49.8522, 110.6072** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **171.1200, -49.8522, -110.6072**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.5810, 39.6466, 70.5275**, and **77.8420, 47.4059, 101.8706** is the 20% darker color. If you saturate the color by 10%, you get **113.8630, 55.7765, 123.7771**, and if you desaturate by 10%, it is **144.4840, 43.6384, 96.9225**.

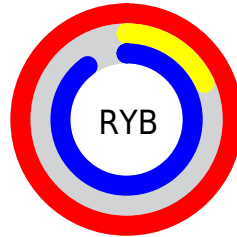
Distribution



Red (100%)

Green (18%)

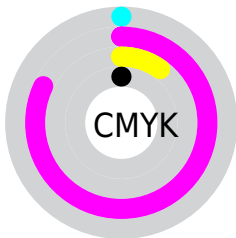
Blue (90%)



Red (100%)

Yellow (18%)

Blue (90%)

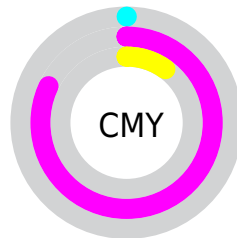


Cyan (0%)

Magenta (82%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (82%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 128.8800, 49.8522, 110.6072 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 128.8800, 49.8522, 110.6072 by changing the saturation by 10% instead.


 128.8800, 49.8522,
110.6072


 128.8800, 49.8522,
110.6072


255.0000, 0.0000,
0.0000


 90.0040, 55.2140,
117.5145


 174.5810, 39.6466,
70.5275


 77.8420, 47.4059,
101.8706


 193.3650, 30.3861,
54.0539

 65.7940, 40.0346,
86.1267


 210.9750, 21.7043,
38.6099

 53.7460, 32.6632,
70.3828

 229.1720, 12.7332,
22.6512

 41.9260, 26.1655,
54.4389

 247.3690, 3.7621,
6.6924

 31.1170, 19.6623,
40.2394

 19.4110, 13.6014,

24.1956

■ 3.4480, 10.6251,
-1.2699

■ 0.0000, 0.0000,
0.0000

■ 128.8800, 49.8522,
110.6072

■ 128.8800, 49.8522,
110.6072

■ 113.8630, 55.7765,
123.7771

■ 144.4840, 43.6384,
96.9225

■ 101.8950, 60.6908,
134.2731

■ 159.5010, 37.7140,
83.7526

■ 175.1050, 31.5002,
70.0679

■ 190.1220, 25.5759,
56.8980

205.7260, 19.3621,
43.2133

220.7430, 13.4377,
30.0434

236.3470, 7.2239,
16.3587

251.3640, 1.2995,
3.1888

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



139.9080, 56.7404, 0.9577



128.8800, 49.8522, 110.6072



92.4330, 24.4365, 142.5713

Triad

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



128.8800, 49.8522, 110.6072



136.8310, -67.4577, 29.9662



134.4220, 53.0360, -117.8881

Complementary

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



128.8800, 49.8522, 110.6072



171.1200, -49.8522, -110.6072

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.



124.1620, 13.7241, -108.8901



128.8800, 49.8522, 110.6072



119.8560, -59.0890, -41.0927

Square

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



128.8800, 49.8522, 110.6072



134.5690, -66.3425, 92.4630



110.1690, -27.1983, -96.6182



132.3820, 60.4507, -116.0990

Rectangle

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



128.8800, 49.8522, 110.6072



85.8210, -0.8978, 148.3700



110.1690, -27.1983, -96.6182



131.8170, 40.5162, -115.6035

Sweetspot

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



128.8800, 49.8522, 110.6072



216.5200, 15.0266, 33.7470



76.4150, 88.0424, -5.6260



104.5370, 9.1023, 20.5771



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.



128.8800, 49.8522, 110.6072



103.6560, 59.8226, 132.7287



116.9100, 3.9884, 121.1049



120.1410, 2.8885, 6.8923



76.2610, 45.2273, 100.6261



25.5200, 15.0266, 33.7470

Inverse Universe

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



128.8800, 49.8522, 110.6072



103.6560, 59.8226, 132.7287



183.0900, -3.9884, -121.1049



120.1410, 2.8885, 6.8923



76.2610, 45.2273, 100.6261



25.5200, 15.0266, 33.7470

Previews

White Background



This preview shows how the YUV color 128.8800, 49.8522, 110.6072 looks on a white background.

Color Contrast Check

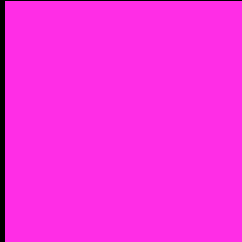
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.8800, 49.8522, 110.6072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

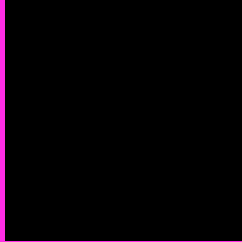
Any Text WCAG AA ✓ Pass

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 128.8800, 49.8522, 110.6072 Background



This preview shows how black text looks on a background with the YUV color 128.8800, 49.8522, 110.6072.



This preview shows how white text looks on a background with the YUV color 128.8800, 49.8522, 110.6072.

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

128.8800, 49.8522, 110.6072

Protanopia

141.1170, 56.1443, -41.3216

Deuteranopia

144.2380, 35.8717, -25.6417



Tritanopia

142.0390, -18.7532, 88.5428

Trichromacy



Original Color

128.8800, 49.8522, 110.6072



Protanomaly

136.6000, 53.9342, 14.3828



Deuteranomaly

138.9250, 40.9560, 23.7448



Tritanomaly

137.3260, 6.2483, 96.1841

Monochromacy



Original Color

128.8800, 49.8522, 110.6072



Achromatopsia

129.0000, 0.0000, 0.0000



Achromatomaly

128.7750, 18.3519, 40.5393

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.8800, 49.8522, 110.6072 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(255, 45, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 45, 230)  
}
```

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(255, 45, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 45, 230) }
```

Border

The CSS property to change the border of an element to YUV 128.8800, 49.8522, 110.6072 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(255, 45, 230) }
```


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

```
.border{ border-color:rgb(255, 45, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 45, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 45, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 45, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 45,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 128.8800, 49.8522, 110.6072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 45, 230) }
```

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

```
.background{ background-color: rgb(255, 45,  
230) }
```

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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