

Converting Colors

YUV(119.8810, 48.3727,
118.4994)

Have a look what the booklet for
YUV(119.8810, 48.3727, 118.4994)
contains.

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Color

**YUV(119.8810, 48.3727,
118.4994)**

Conversions

Conversions Part 1

Format	Color
Hex	FF20DA
RGB	255, 32, 218
RGB Percent	100%, 13%, 85%
CMY	0.0000, 0.8745, 0.1451
CMYK	0.00, 0.87, 0.15, 0.00
HSL	310°, 100%, 56%
HSV	310°, 87%, 100%
XYZ	54.4114, 27.3550, 68.7419
YIQ	119.8810, 73.2020, 105.1220

Conversions

Conversions Part 2

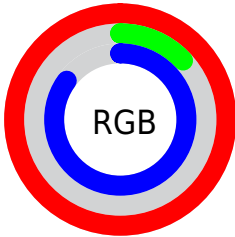
Format	Color
R _Y B	255, 32, 218
Decimal	16720090
CIE Lab	59.30, 90.59, -41.74
CIE LCh	59, 99.745, 335.260
Yxy	27.3550, 0.3615, 0.1818
Android (android.graphics.Color)	4294910170 (0xFFFF20DA)
YUV	119.8810, 48.3727, 118.4994
Hunter-Lab	52.3020, 94.1707, -41.3150

Details

The YUV color **119.8810, 48.3727, 118.4994** 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 **167.1190, -48.3727, -118.4994**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0590, 41.3829, 73.6163**, and **76.1750, 42.3117, 102.4555** is the 20% darker color. If you saturate the color by 10%, you get **104.7500, 53.8603, 131.7692**, and if you desaturate by 10%, it is **135.0120, 42.8851, 105.2295**.

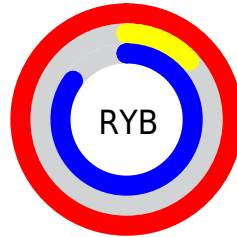
Distribution



Red (100%)

Green (13%)

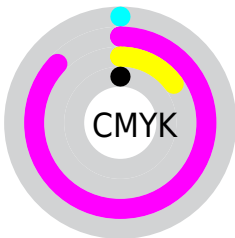
Blue (85%)



Red (100%)

Yellow (13%)

Blue (85%)

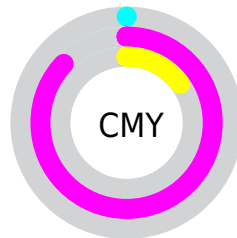


Cyan (0%)

Magenta (87%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (87%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.8810, 48.3727, 118.4994 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 119.8810, 48.3727, 118.4994 by changing the saturation by 10% instead.


 119.8810, 48.3727,
118.4994


 119.8810, 48.3727,
118.4994


255.0000, 0.0000,
0.0000


 88.6360, 49.9725,
118.7142


 171.0590, 41.3829,
73.6163


 76.1750, 42.3117,
102.4555


 189.8430, 32.1224,
57.1427

 64.2410, 35.3772,
86.6116


 208.0400, 23.1513,
41.1839

 52.3070, 28.4426,
70.7678

 225.6500, 14.4696,
25.7400

 40.7860, 21.7975,
55.4387

 243.8470, 5.4984,
9.7812

 29.6780, 15.4417,
40.6244

 18.0860, 9.8176,

24.4806

■ 1.5960, 6.1152,
-1.3997

■ 0.0000, 0.0000,
0.0000

■ 119.8810, 48.3727,
118.4994

■ 119.8810, 48.3727,
118.4994

■ 104.7500, 53.8603,
131.7692

■ 135.0120, 42.8851,
105.2295

■ 100.5270, 55.4492,
135.4728

■ 150.7300, 37.1081,
91.4448

■ 165.9750, 32.0573,
78.0749

■ 181.6930, 26.2804,
64.2902

197.4110, 20.5034,
50.5056

212.5420, 15.0158,
37.2357

228.3740, 9.6756,
23.3510

243.5050, 4.1880,
10.0811

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.



139.0880, 57.1446, 11.3238



119.8810, 48.3727, 118.4994



91.2930, 20.0686, 143.5710

Triad

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



119.8810, 48.3727, 118.4994



132.9550, -65.5468, 23.7185



132.1880, 54.6303, -115.9289

Complementary

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



119.8810, 48.3727, 118.4994



167.1190, -48.3727, -118.4994

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.



122.3840, 17.0657, -107.3308



119.8810, 48.3727, 118.4994



113.3110, -55.8623, -49.3847

Square

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



119.8810, 48.3727, 118.4994



131.8670, -65.0104, 85.1856



109.2060, -23.2726, -95.7737



129.4470, 61.8976, -113.5250

Rectangle

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



119.8810, 48.3727, 118.4994



84.7950, -4.8289, 149.2698



109.2060, -23.2726, -95.7737



129.1100, 42.8368, -113.2295

Sweetspot

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



119.8810, 48.3727, 118.4994



215.0040, 14.2950, 35.0765



67.2890, 92.5415, -2.0075



103.7220, 8.5181, 21.2918



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.



119.8810, 48.3727, 118.4994



100.5270, 55.4492, 135.4728



107.5690, 1.1985, 129.2970



120.0270, 2.4517, 6.9923



75.3490, 41.7329, 101.4259



25.1780, 13.7162, 34.0469

Inverse Universe

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



119.8810, 48.3727, 118.4994



100.5270, 55.4492, 135.4728



179.4310, -1.1985, -129.2970



120.0270, 2.4517, 6.9923



75.3490, 41.7329, 101.4259



25.1780, 13.7162, 34.0469

Previews

White Background



This preview shows how the YUV color 119.8810, 48.3727, 118.4994 looks on a white background.

Color Contrast Check

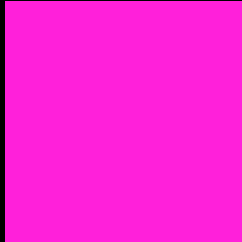
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.8810, 48.3727, 118.4994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

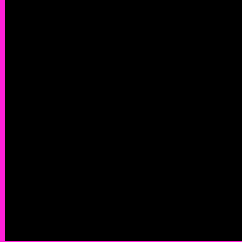
Any Text WCAG AA ✓ Pass

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 119.8810, 48.3727, 118.4994 Background



This preview shows how black text looks on a background with the YUV color 119.8810, 48.3727, 118.4994.



This preview shows how white text looks on a background with the YUV color 119.8810, 48.3727,

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

119.8810, 48.3727, 118.4994

Protanopia

137.2630, 58.0443, -44.0807

Deuteranopia

142.3050, 30.9086, -20.4385



Tritanopia

136.0290, -20.2273, 94.6906

Trichromacy



Original Color

119.8810, 48.3727, 118.4994



Protanomaly

131.1270, 54.6604, 14.7976



Deuteranomaly

134.0460, 37.4453, 29.7777



Tritanomaly

130.0280, 4.9162, 103.4614

Monochromacy



Original Color

119.8810, 48.3727, 118.4994



Achromatopsia

120.0000, 0.0000, 0.0000



Achromatomaly

119.9710, 17.7623, 42.9984

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.8810, 48.3727, 118.4994 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, 32, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 32, 218)  
}
```

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, 32, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 32, 218) }
```

Border

The CSS property to change the border of an element to YUV 119.8810, 48.3727, 118.4994 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, 32, 218) }
```


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

```
.border{ border-color:rgb(255, 32, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 32, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 32, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 32, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 32,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 119.8810, 48.3727, 118.4994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 32, 218) }
```

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

```
.background{ background-color: rgb(255, 32,  
218) }
```

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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