

Converting Colors

YUV(117.6470, 49.9670,
120.4586)

Have a look what the booklet for
YUV(117.6470, 49.9670, 120.4586)
contains.

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Color

**YUV(117.6470, 49.9670,
120.4586)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1CDB
RGB	255, 28, 219
RGB Percent	100%, 11%, 86%
CMY	0.0000, 0.8902, 0.1412
CMYK	0.00, 0.89, 0.14, 0.00
HSL	310°, 100%, 55%
HSV	310°, 89%, 100%
XYZ	54.4414, 27.2050, 69.3995
YIQ	117.6470, 73.9810, 107.5250

Conversions

Conversions Part 2

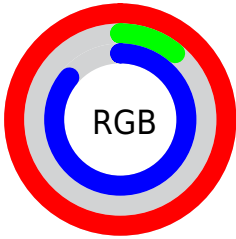
Format	Color
R _Y B	255, 28, 219
Decimal	16719067
CIE Lab	59.16, 91.26, -42.53
CIE LCh	59, 100.682, 335.015
Yxy	27.2050, 0.3604, 0.1801
Android (android.graphics.Color)	4294909147 (0xFFFF1CDB)
YUV	117.6470, 49.9670, 120.4586
Hunter-Lab	52.1584, 95.0360, -42.3776

Details

The YUV color **117.6470, 49.9670, 120.4586** 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 **165.3530, -49.9670, -120.4586**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8850, 41.9617, 74.6459**, and **76.2890, 42.7485, 102.3555** is the 20% darker color. If you saturate the color by 10%, you get **102.5160, 55.4546, 133.7285**, and if you desaturate by 10%, it is **133.3650, 44.1901, 106.6739**.

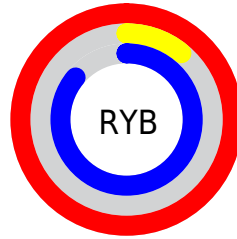
Distribution



Red (100%)

Green (11%)

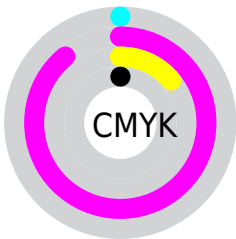
Blue (86%)



Red (100%)

Yellow (11%)

Blue (86%)

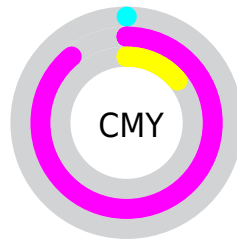


Cyan (0%)

Magenta (89%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (89%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.6470, 49.9670, 120.4586 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 117.6470, 49.9670, 120.4586 by changing the saturation by 10% instead.


 117.6470, 49.9670,
120.4586


 117.6470, 49.9670,
120.4586


255.0000, 0.0000,
0.0000


 88.7500, 50.4093,
118.6142


 169.8850, 41.9617,
74.6459


 76.2890, 42.7485,
102.3555


 188.6690, 32.7012,
58.1723


 64.3550, 35.8140,
86.5117


 206.8660, 23.7301,
42.2135

 52.4210, 28.8794,
70.6678

 225.0630, 14.7589,
26.2547

 40.9000, 22.2343,
55.3387

 243.2600, 5.7878,
10.2960

 29.7920, 15.8785,
40.5244

 18.2000, 10.2544,

24.3806

■ 1.7100, 6.5520,
-1.4997

■ 0.0000, 0.0000,
0.0000

■ 117.6470, 49.9670,
120.4586

■ 117.6470, 49.9670,
120.4586

■ 102.5160, 55.4546,
133.7285

■ 133.3650, 44.1901,
106.6739

■ 100.7550, 56.3228,
135.2729

■ 148.4960, 38.7025,
93.4040

■ 164.2140, 32.9255,
79.6193

■ 179.3450, 27.4379,
66.3494

■ 195.0630, 21.6609,
52.5647

■ 210.1940, 16.1734,
39.2949

■ 225.9120, 10.3964,
25.5102

■ 241.0430, 4.9088,
12.2403

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.



137.9030, 57.7288, 10.6091



117.6470, 49.9670, 120.4586



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.



117.6470, 49.9670, 120.4586



132.3680, -65.2574, 24.2333



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.



117.6470, 49.9670, 120.4586



165.3530, -49.9670, -120.4586

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.



122.2700, 16.6289, -107.2308



117.6470, 49.9670, 120.4586



113.0120, -55.7149, -49.9995

Square

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



117.6470, 49.9670, 120.4586



131.5790, -64.8684, 86.3152



108.9780, -24.1462, -95.5737



129.4470, 61.8976, -113.5250

Rectangle

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



117.6470, 49.9670, 120.4586



84.7950, -4.8289, 149.2698



108.9780, -24.1462, -95.5737



129.1100, 42.8368, -113.2295

Sweetspot

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



117.6470, 49.9670, 120.4586



213.2430, 15.1632, 36.6209



64.0440, 94.1413, -1.7926



103.1350, 8.8074, 21.8066



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.



117.6470, 49.9670, 120.4586



100.7550, 56.3228, 135.2729



104.8790, 1.0457, 131.6561



120.0270, 2.4517, 6.9923



75.4630, 42.1697, 101.3259



25.2920, 14.1530, 33.9469

Inverse Universe

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



117.6470, 49.9670, 120.4586



100.7550, 56.3228, 135.2729



178.1210, -1.0457, -131.6561



120.0270, 2.4517, 6.9923



75.4630, 42.1697, 101.3259



25.2920, 14.1530, 33.9469

Previews

White Background



This preview shows how the YUV color 117.6470, 49.9670, 120.4586 looks on a white background.

Color Contrast Check

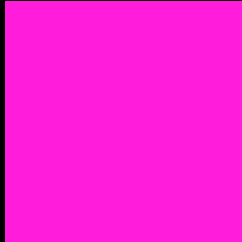
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.6470, 49.9670, 120.4586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

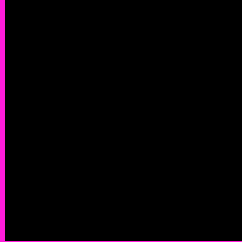
Any Text WCAG AA ✓ Pass

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 117.6470, 49.9670, 120.4586 Background



This preview shows how black text looks on a background with the YUV color 117.6470, 49.9670, 120.4586.



This preview shows how white text looks on a background with the YUV color 117.6470, 49.9670,

120.4586.

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

117.6470, 49.9670, 120.4586

Protanopia

136.3770, 58.4811, -44.1806

Deuteranopia

141.5330, 31.7822, -20.6384



Tritanopia

135.9150, -20.6641, 94.7905

Trichromacy



Original Color

117.6470, 49.9670, 120.4586



Protanomaly

129.6540, 55.3866, 15.2124



Deuteranomaly

132.9860, 38.4609, 30.7073



Tritanomaly

129.3270, 4.7688, 104.0762

Monochromacy



Original Color

117.6470, 49.9670, 120.4586



Achromatopsia

118.0000, 0.0000, 0.0000



Achromatomaly

117.7970, 18.3411, 44.0280

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.6470, 49.9670, 120.4586 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, 28, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 28, 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(255, 28, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 28, 219) }
```

Border

The CSS property to change the border of an element to YUV 117.6470, 49.9670, 120.4586 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, 28, 219) }
```


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

```
.border{ border-color:rgb(255, 28, 219) }
```

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

Here you see how a box with a 4 pixel rgb(255, 28, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 28, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 28, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 28,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 117.6470, 49.9670, 120.4586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 28, 219) }
```

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

```
.background{ background-color: rgb(255, 28,  
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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