

Converting Colors

YUV(117.4410, 28.8696,
120.6392)

Have a look what the booklet for
YUV(117.4410, 28.8696, 120.6392)
contains.

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Color

**YUV(117.4410, 28.8696,
120.6392)**

Conversions

Conversions Part 1

Format	Color
Hex	FF24B0
RGB	255, 36, 176
RGB Percent	100%, 14%, 69%
CMY	0.0000, 0.8588, 0.3098
CMYK	0.00, 0.86, 0.31, 0.00
HSL	322°, 100%, 57%
HSV	322°, 86%, 100%
XYZ	49.7073, 25.6563, 43.4066
YIQ	117.4410, 85.5840, 89.9680

Conversions

Conversions Part 2

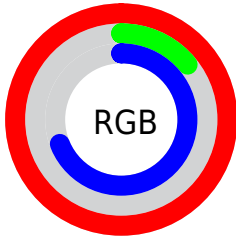
Format	Color
R _Y B	255, 36, 176
Decimal	16721072
CIE _{Lab}	57.71, 85.13, -20.11
CIE _{LCh}	58, 87.469, 346.708
Yxy	25.6563, 0.4185, 0.2160
Android (android.graphics.Color)	4294911152 (0xFFFF24B0)
YUV	117.4410, 28.8696, 120.6392
Hunter-Lab	50.6521, 86.5295, -15.3524

Details

The YUV color **117.4410, 28.8696, 120.6392** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **173.5590, -28.8696, -120.6392**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4370, 31.3366, 75.9158**, and **71.7290, 25.2766, 106.3547** is the 20% darker color. If you saturate the color by 10%, you get **101.1530, 32.4626, 134.9238**, and if you desaturate by 10%, it is **133.1420, 25.5660, 106.8695**.

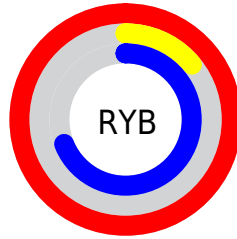
Distribution



Red (100%)

Green (14%)

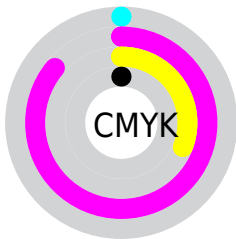
Blue (69%)



Red (100%)

Yellow (14%)

Blue (69%)

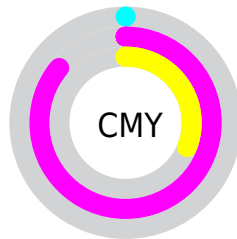


Cyan (0%)

Magenta (86%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (86%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.4410, 28.8696, 120.6392 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 117.4410, 28.8696, 120.6392 by changing the saturation by 10% instead.


 117.4410, 28.8696,
120.6392


 117.4410, 28.8696,
120.6392


255.0000, 0.0000,
0.0000

 83.9620, 32.0637,
122.8133


 168.4370, 31.3366,
75.9158


 71.7290, 25.2766,
106.3547


 189.2560, 32.4118,
57.6575

 59.6100, 18.9263,
89.7960

 207.4530, 23.4407,
41.6987

 47.9040, 12.8653,
73.7522

 225.0630, 14.7589,
26.2547

 36.3120, 7.2412,
57.6084

 243.2600, 5.7878,
10.2960

 25.5460, 2.1958,
42.4942

 13.2700, -6.0491,

26.9502

■ 0.0000, 0.0000,
0.0000

■ 117.4410, 28.8696,
120.6392

■ 117.4410, 28.8696,
120.6392

■ 101.1530, 32.4626,
134.9238

■ 133.1420, 25.5660,
106.8695

■ 94.8270, 33.6093,
140.4717

■ 149.4300, 21.9730,
92.5849

■ 165.2450, 19.1062,
78.7151

■ 181.5330, 15.5132,
64.4306

■ 197.2340, 12.2096,
50.6608

■ 213.5220, 8.6167,
36.3762

■ 229.2230, 5.3131,
22.6064

■ 245.6250, 2.1569,
8.2219

■ 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.



139.9290, 51.8000, 45.6663



117.4410, 28.8696, 120.6392



102.9070, -1.4332, 133.3856

Triad

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



117.4410, 28.8696, 120.6392



125.1480, -61.6980, 2.5012



127.7030, 60.2924, -111.9955

Complementary

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



117.4410, 28.8696, 120.6392



173.5590, -28.8696, -120.6392

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.



121.0110, 29.5746, -106.1266



117.4410, 28.8696, 120.6392



95.0940, -46.8813, -83.3974

Square

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



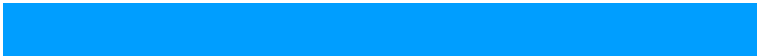
117.4410, 28.8696, 120.6392



130.8050, -64.4869, 57.1760



110.7170, -4.7905, -97.0988



121.8160, 65.6597, -106.8326

Rectangle

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



117.4410, 28.8696, 120.6392



120.8010, -34.4119, 117.6925



110.7170, -4.7905, -97.0988



125.8960, 50.8303, -110.4108

Sweetspot

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



117.4410, 28.8696, 120.6392



213.5220, 8.6167, 36.3762



83.9890, 84.3084, 25.4426



102.8100, 5.0237, 22.0916



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.



117.4410, 28.8696, 120.6392



94.8270, 33.6093, 140.4717



105.2430, -17.8678, 131.3369



119.7990, 1.5781, 7.1923



71.0170, 25.1346, 105.2251



23.8100, 8.4747, 35.2466

Inverse Universe

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



117.4410, 28.8696, 120.6392



94.8270, 33.6093, 140.4717



185.7570, 17.8678, -131.3369



119.7990, 1.5781, 7.1923



71.0170, 25.1346, 105.2251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 117.4410, 28.8696, 120.6392 looks on a white background.

Color Contrast Check

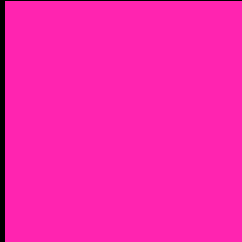
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.4410, 28.8696, 120.6392 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 117.4410, 28.8696, 120.6392 Background



This preview shows how black text looks on a background with the YUV color 117.4410, 28.8696, 120.6392.



This preview shows how white text looks on a background with the YUV color 117.4410, 28.8696, 120.6392.

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

117.4410, 28.8696, 120.6392

Protanopia

134.3730, 54.5391, -39.7921

Deuteranopia

140.5020, 12.0775, -0.4403



Tritanopia

127.1830, -23.7542, 105.9565

Trichromacy



Original Color

117.4410, 28.8696, 120.6392



Protanomaly

128.3310, 45.1928, 18.1267



Deuteranomaly

132.3840, 18.0517, 43.5132



Tritanomaly

123.8520, -4.8570, 111.5088

Monochromacy



Original Color

117.4410, 28.8696, 120.6392



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

117.3210, 10.1947, 43.5685

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.4410, 28.8696, 120.6392 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, 36, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 36, 176)  
}
```

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, 36, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 36, 176) }
```

Border

The CSS property to change the border of an element to YUV 117.4410, 28.8696, 120.6392 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, 36, 176) }
```


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

```
.border{ border-color:rgb(255, 36, 176) }
```

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

Here you see how a box with a 4 pixel rgb(255, 36, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 36, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 36, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 36,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 117.4410, 28.8696, 120.6392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 36, 176) }
```

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

```
.background{ background-color: rgb(255, 36,  
176) }
```

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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