

Converting Colors

YUV(118.6490, 23.3440,
119.5798)

Have a look what the booklet for
YUV(118.6490, 23.3440, 119.5798)
contains.

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Color

**YUV(118.6490, 23.3440,
119.5798)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF28A6 |
| RGB | 255, 40, 166 |
| RGB Percent | 100%, 16%, 65% |
| CMY | 0.0000, 0.8431, 0.3490 |
| CMYK | 0.00, 0.84, 0.35, 0.00 |
| HSL | 325°, 100%, 58% |
| HSV | 325°, 84%, 100% |
| XYZ | 48.8817, 25.5308, 38.4280 |
| YIQ | 118.6490, 87.6940, 84.7660 |

Conversions

Conversions Part 2

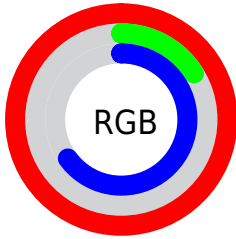
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 40, 166 |
| Decimal | 16722086 |
| CIE Lab | 57.59, 83.40, -14.46 |
| CIE LCh | 58, 84.646, 350.164 |
| Yxy | 25.5308, 0.4332, 0.2263 |
| Android (android.graphics.Color) | 4294912166 (0xFFFF28A6) |
| YUV | 118.6490, 23.3440, 119.5798 |
| Hunter-Lab | 50.5280, 84.2604, -9.7222 |

Details

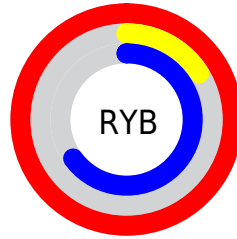
The YUV color **118.6490, 23.3440, 119.5798** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **176.3510, -23.3440, -119.5798**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7700, 26.2424, 76.5007**, and **70.7030, 21.3454, 107.2545** is the 20% darker color. If you saturate the color by 10%, you get **102.7200, 25.7740, 133.5496**, and if you desaturate by 10%, it is **135.1650, 20.6247, 105.0953**.

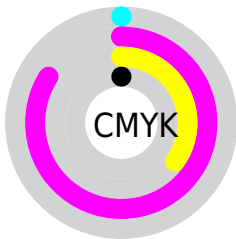
Distribution



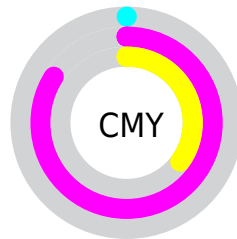
- Red (100%)
- Green (16%)
- Blue (65%)



- Red (100%)
- Yellow (16%)
- Blue (65%)



- Cyan (0%)
- Magenta (84%)
- Yellow (35%)
- Black (0%)




- Cyan (0%)
- Magenta (84%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.6490, 23.3440, 119.5798 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 118.6490, 23.3440, 119.5798 by changing the saturation by 10% instead.


 118.6490, 23.3440,
119.5798


 118.6490, 23.3440,
119.5798


255.0000, 0.0000,
0.0000


 82.9360, 28.1326,
123.7131


 167.7700, 26.2424,
76.5007


 70.7030, 21.3454,
107.2545


 189.2730, 29.9384,
57.6426

 58.6980, 15.4319,
90.5959


 208.0400, 23.1513,
41.1839

 46.9920, 9.3709,
74.5520

 225.6500, 14.4696,
25.7400

 35.5140, 4.1836,
58.3082

 243.8470, 5.4984,
9.7812

 24.4490, -0.7144,
42.5792

 12.9710, -5.9017,

26.3354

■ 0.0000, 0.0000,
0.0000

■ 118.6490, 23.3440,
119.5798

■ 118.6490, 23.3440,
119.5798

■ 102.7200, 25.7740,
133.5496

■ 135.1650, 20.6247,
105.0953

■ 93.2310, 27.4941,
141.8714

■ 150.9800, 17.7579,
91.2255

■ 167.4960, 15.0385,
76.7410

■ 183.3110, 12.1717,
62.8713

■ 199.8270, 9.4523,
48.3867

215.6420, 6.5855,
34.5170

232.1580, 3.8661,
20.0324

247.9730, 0.9993,
6.1627

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.



139.3060, 46.6841, 53.2286



118.6490, 23.3440, 119.5798



112.0880, -9.4104, 125.3338

Triad

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



118.6490, 23.3440, 119.5798



123.9300, -61.0975, -3.4466



126.7570, 61.7448, -111.1659

Complementary

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



118.6490, 23.3440, 119.5798



176.3510, -23.3440, -119.5798

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.



121.2220, 32.9216, -106.3117



118.6490, 23.3440, 119.5798



97.9440, -35.9614, -85.8969

Square

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



118.6490, 23.3440, 119.5798



130.7610, -64.4652, 50.1986



111.2700, -0.1331, -97.5838



120.0550, 66.5279, -105.2882

Rectangle

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



118.6490, 23.3440, 119.5798



123.9050, -38.9002, 110.5853



111.2700, -0.1331, -97.5838



125.1780, 53.1562, -109.7811

Sweetspot

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



118.6490, 23.3440, 119.5798



214.4680, 7.1643, 35.5466



90.2240, 81.2346, 31.3756



103.2830, 4.2975, 21.6768



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.



118.6490, 23.3440, 119.5798



93.2310, 27.4941, 141.8714



106.7930, -22.0829, 129.9775



119.6850, 1.1413, 7.2923



69.8770, 20.7666, 106.2249



23.3540, 6.7275, 35.6465

Inverse Universe

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



118.6490, 23.3440, 119.5798



93.2310, 27.4941, 141.8714



188.3210, 22.5197, -130.0775



119.6850, 1.1413, 7.2923



69.8770, 20.7666, 106.2249



23.3540, 6.7275, 35.6465

Previews

White Background



This preview shows how the YUV color 118.6490, 23.3440, 119.5798 looks on a white background.

Color Contrast Check

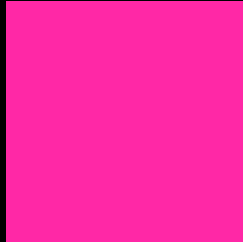
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.6490, 23.3440, 119.5798 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 118.6490, 23.3440, 119.5798 Background



This preview shows how black text looks on a background with the YUV color 118.6490, 23.3440, 119.5798.



This preview shows how white text looks on a background with the YUV color 118.6490, 23.3440, 119.5798.

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

118.6490, 23.3440, 119.5798

Protanopia

136.2510, 46.2183, -30.9151

Deuteranopia

139.9710, 7.4093, 3.5334



Tritanopia

126.6670, -24.4858, 107.2860

Trichromacy



Original Color

118.6490, 23.3440, 119.5798



Protanomaly

129.8280, 38.0458, 23.8298



Deuteranomaly

131.8420, 13.3889, 45.7426



Tritanomaly

123.8690, -7.3304, 111.4939

Monochromacy



Original Color

118.6490, 23.3440, 119.5798



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

118.5660, 8.5950, 43.3536

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.6490, 23.3440, 119.5798 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, 40, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 40, 166)  
}
```

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, 40, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 40, 166) }
```

Border

The CSS property to change the border of an element to YUV 118.6490, 23.3440, 119.5798 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, 40, 166) }
```


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

```
.border{ border-color:rgb(255, 40, 166) }
```

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

Here you see how a box with a 4 pixel rgb(255, 40, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 40, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 40, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 40,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 118.6490, 23.3440, 119.5798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 40, 166) }
```

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

```
.background{ background-color: rgb(255, 40,  
166) }
```

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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