

Converting Colors

YUV(119.9590, 2.9782,
118.4310)

Have a look what the booklet for
YUV(119.9590, 2.9782, 118.4310)
contains.

YUV(119.9590, 2.9782, 118.4310)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(119.9590, 2.9782,
118.4310)**

Conversions

Conversions Part 1

Format	Color
Hex	FF327E
RGB	255, 50, 126
RGB Percent	100%, 20%, 49%
CMY	0.0000, 0.8039, 0.5059
CMYK	0.00, 0.80, 0.51, 0.00
HSL	338°, 100%, 60%
HSV	338°, 80%, 100%
XYZ	46.1465, 25.0476, 22.1411
YIQ	119.9590, 97.7840, 67.0960

Conversions

Conversions Part 2

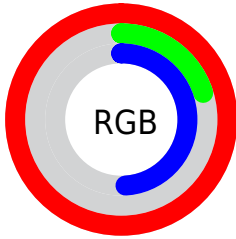
Format	Color
R_{YB}	255, 50, 126
Decimal	16724606
CIE _{Lab}	57.12, 77.80, 8.46
CIE _{LCh}	57, 78.259, 6.208
Yxy	25.0476, 0.4944, 0.2684
Android (android.graphics.Color)	4294914686 (0xFFFF327E)
YUV	119.9590, 2.9782, 118.4310
Hunter-Lab	50.0475, 77.0033, 8.8033

Details

The YUV color **119.9590, 2.9782, 118.4310** is a dark color, and the websafe version is hex **FF0066**. The color can be described as middle washed rose. A complement of this color would be **185.0410, -2.9782, -118.4310**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8030, 6.0131, 78.2258**, and **66.3000, 5.7681, 110.2389** is the 20% darker color. If you saturate the color by 10%, you get **102.8730, 3.5136, 133.4154**, and if you desaturate by 10%, it is **137.0450, 2.4428, 103.4465**.

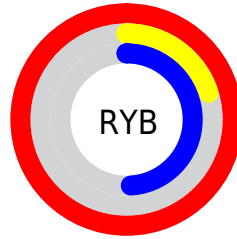
Distribution



Red (100%)

Green (20%)

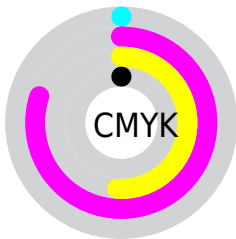
Blue (49%)



Red (100%)

Yellow (20%)

Blue (49%)

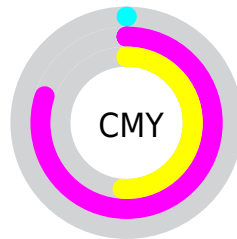


Cyan (0%)

Magenta (80%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.9590, 2.9782, 118.4310 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 119.9590, 2.9782, 118.4310 by changing the saturation by 10% instead.

119.9590, 2.9782,
118.4310

119.9590, 2.9782,
118.4310

255.0000, 0.0000,
0.0000

78.1910, 11.2448,
126.9975

165.8030, 6.0131,
78.2258

66.3000, 5.7681,
110.2389

186.6050, 9.5617,
59.9824

54.1100, 0.4388,
92.8655

207.4070, 13.1103,
41.7391

42.4470, -4.1644,
75.9070

227.4110, 13.6014,
24.1956

30.9690, -9.3517,
59.6632

245.0210, 4.9196,
8.7516

20.9730, -8.8607,
42.1197

10.8780, -4.8699,

22.0320

■ 0.0000, 0.0000,
0.0000

■ 119.9590, 2.9782,
118.4310

■ 119.9590, 2.9782,
118.4310

■ 102.8730, 3.5136,
133.4154

■ 137.0450, 2.4428,
103.4465

■ 87.0750, 3.9070,
147.2702

■ 153.5440, 2.1968,
88.9769

■ 170.6300, 1.6614,
73.9925

■ 187.1290, 1.4154,
59.5229

■ 204.2150, 0.8800,
44.5384

220.7140, 0.6340,
30.0688

237.8000, 0.0986,
15.0844

254.2990, -0.1474,
0.6148

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.



132.5520, 30.2939, 83.7079



119.9590, 2.9782, 118.4310



125.2940, -32.1899, 104.9822

Triad

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



119.9590, 2.9782, 118.4310



114.6060, -56.5008, -31.2265



122.4030, 65.3703, -107.3474

Complementary

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



119.9590, 2.9782, 118.4310



185.0410, -2.9782, -118.4310

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.



122.1800, 46.7463, -107.1519



119.9590, 2.9782, 118.4310



104.5730, -13.1005, -91.7105

Square

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



119.9590, 2.9782, 118.4310



127.3400, -62.7786, 22.5038



115.1290, 17.1914, -100.9681



111.8370, 70.5794, -98.0810

Rectangle

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



119.9590, 2.9782, 118.4310



126.4200, -60.3531, 84.7007



115.1290, 17.1914, -100.9681



123.7080, 62.7550, -108.4919

Sweetspot

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



119.9590, 2.9782, 118.4310



214.7470, 0.6177, 35.3019



111.0440, 70.9703, 56.9664



103.5450, 0.2243, 21.4470



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.



119.9590, 2.9782, 118.4310



93.6290, 3.6339, 141.5224



125.3830, -37.1638, 113.6741



119.3430, -0.1691, 7.5922



65.2030, 2.8579, 110.3240



21.8720, 1.0491, 36.9463

Inverse Universe

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



119.9590, 2.9782, 118.4310



93.6290, 3.6339, 141.5224



179.6170, 37.1638, -113.6741



119.3430, -0.1691, 7.5922



65.2030, 2.8579, 110.3240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 119.9590, 2.9782, 118.4310 looks on a white background.

Color Contrast Check

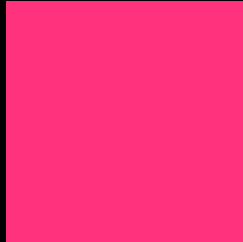
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.9590, 2.9782, 118.4310 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 119.9590, 2.9782, 118.4310

Background



This preview shows how black text looks on a background with the YUV color 119.9590, 2.9782, 118.4310.



This preview shows how white text looks on a background with the YUV color 119.9590, 2.9782,

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

119.9590, 2.9782, 118.4310

Protanopia

138.0110, 16.7566, -7.9026

Deuteranopia

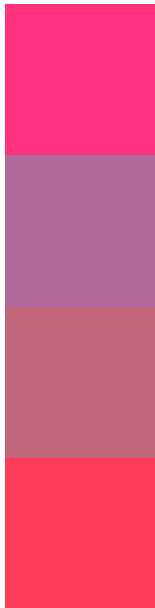
137.9500, -10.8213, 17.5839



Tritanopia

121.9560, -26.1073, 114.0486

Trichromacy



Original Color

119.9590, 2.9782, 118.4310

Protanomaly

131.6300, 11.5214, 38.0355

Deuteranomaly

131.2610, -5.5517, 54.1451

Tritanomaly

121.1270, -15.3456, 115.6526

Monochromacy



Original Color

119.9590, 2.9782, 118.4310

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.2040, 0.8854, 42.7941

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.9590, 2.9782, 118.4310 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, 50, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 50, 126)  
}
```

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, 50, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 50, 126) }
```

Border

The CSS property to change the border of an element to YUV 119.9590, 2.9782, 118.4310 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, 50, 126) }
```


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

```
.border{ border-color:rgb(255, 50, 126) }
```

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

Here you see how a box with a 4 pixel rgb(255, 50, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 50, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 50, 126);  
box-shadow:4px 4px 4px 4px rgb(255, 50,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 119.9590, 2.9782, 118.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 50, 126) }
```

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

```
.background{ background-color: rgb(255, 50,  
126) }
```

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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