

Converting Colors

YUV(119.8560, -0.9150,
107.1203)

Have a look what the booklet for
YUV(119.8560, -0.9150, 107.1203)
contains.

YUV(119.8560, -0.9150, 107.1203)	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(119.8560, -0.9150,
107.1203)**

Conversions

Conversions Part 1

Format	Color
Hex	F23A76
RGB	242, 58, 118
RGB Percent	95%, 23%, 46%
CMY	0.0510, 0.7725, 0.5373
CMYK	0.00, 0.76, 0.51, 0.05
HSL	340°, 88%, 59%
HSV	340°, 76%, 95%
XYZ	41.4010, 23.2114, 19.4377
YIQ	119.8560, 90.4040, 57.6680

Conversions

Conversions Part 2

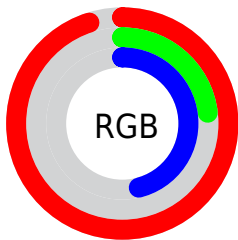
Format	Color
R_{YB}	242, 58, 118
Decimal	15874678
CIE _{Lab}	55.29, 71.74, 10.30
CIE _{LCh}	55, 72.473, 8.170
Yxy	23.2114, 0.4926, 0.2762
Android (android.graphics.Color)	4294064758 (0xFFFF23A76)
YUV	119.8560, -0.9150, 107.1203
Hunter-Lab	48.1782, 69.0789, 9.8039

Details

The YUV color **119.8560, -0.9150, 107.1203** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **180.1440, 0.9150, -107.1203**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.6520, 1.6506, 77.4812**, and **61.5010, 4.1900, 103.0466** is the 20% darker color. If you saturate the color by 10%, you get **103.9440, -0.9584, 121.0751**, and if you desaturate by 10%, it is **135.7680, -0.8716, 93.1655**.

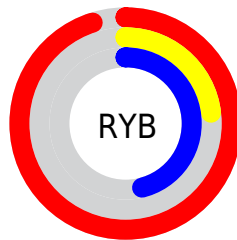
Distribution



Red (95%)

Green (23%)

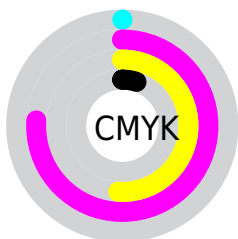
Blue (46%)



Red (95%)

Yellow (23%)

Blue (46%)

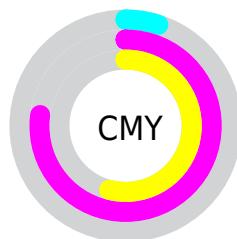


Cyan (0%)

Magenta (76%)

Yellow (51%)

Black (5%)



Cyan (5%)

Magenta (77%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.8560, -0.9150, 107.1203 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 119.8560, -0.9150, 107.1203 by changing the saturation by 10% instead.


 119.8560, -0.9150,
107.1203

 119.8560, -0.9150,
107.1203


255.0000, 0.0000,
0.0000

 78.5010, 7.6410,
116.2016


 166.6520, 1.6506,
77.4812

 61.5010, 4.1900,
103.0466


 186.7530, 5.0518,
59.8526


 50.0230, -0.9973,
86.8028


 207.5550, 8.6004,
41.6093

 38.4740, -5.1637,
69.7443

 227.7700, 12.4384,
23.8807

 26.5400, -12.0982,
53.9004

 245.6080, 4.6303,
8.2368

 17.5700, -7.6760,
35.4571

 5.6810, -2.8007,

11.6808

■ 0.0000, 0.0000,
0.0000

■ 119.8560, -0.9150,
107.1203

■ 119.8560, -0.9150,
107.1203

■ 103.9440, -0.9584,
121.0751

■ 135.7680, -0.8716,
93.1655

■ 87.9180, -1.4386,
135.1299

■ 151.7940, -0.3914,
79.1107

■ 81.3640, -1.1655,
140.8778

■ 168.2930, -0.6374,
64.6410

■ 184.2050, -0.5941,
50.6862

■ 200.2310, -0.1139,
36.6314

216.1430, -0.0705,
22.6766

232.0550, -0.0271,
8.7218

248.5540, -0.2731,
-5.7479

251.1130, 1.9163,
-7.9921

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



128.8520, 25.2160, 79.0598



119.8560, -0.9150, 107.1203



123.2280, -32.1574, 94.5160

Triad

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



119.8560, -0.9150, 107.1203



110.7460, -52.1328, -32.2262



117.7240, 65.2121, -103.2439

Complementary

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



119.8560, -0.9150, 107.1203



180.1440, 0.9150, -107.1203

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.



117.1590, 45.2776, -102.7484



119.8560, -0.9150, 107.1203



101.6210, -9.1802, -89.1216

Square

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



119.8560, -0.9150, 107.1203



122.3010, -60.2944, 19.0300



110.7920, 18.3435, -97.1646



108.3150, 72.3157, -94.9923

Rectangle

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



119.8560, -0.9150, 107.1203



123.9180, -55.6686, 75.4939



110.7920, 18.3435, -97.1646



118.2310, 59.5391, -103.6886

Sweetspot

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



119.8560, -0.9150, 107.1203



215.8070, -0.3979, 34.3723



115.7530, 62.2398, 57.2216



104.0180, -0.5019, 21.0322



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.



119.8560, -0.9150, 107.1203



101.0320, -1.0018, 135.0299



131.2130, -36.0940, 97.1602



112.0440, -0.0217, 6.9774



61.8560, -0.9150, 107.1203



18.7960, -0.3924, 32.6279

Inverse Universe

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



119.8560, -0.9150, 107.1203



101.0320, -1.0018, 135.0299



168.7870, 36.0940, -97.1602



112.0440, -0.0217, 6.9774



61.8560, -0.9150, 107.1203



18.7960, -0.3924, 32.6279

Previews

White Background



This preview shows how the YUV color 119.8560, -0.9150, 107.1203 looks on a white background.

Color Contrast Check

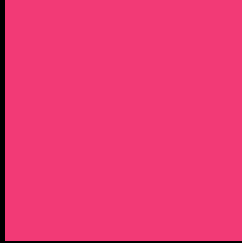
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.8560, -0.9150, 107.1203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

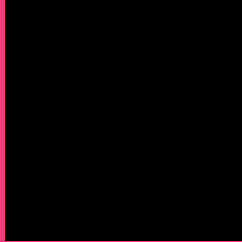
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 119.8560, -0.9150, 107.1203

Background



This preview shows how black text looks on a background with the YUV color 119.8560, -0.9150, 107.1203.



This preview shows how white text looks on a background with the YUV color 119.8560, -0.9150,

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

119.8560, -0.9150, 107.1203

Protanopia

133.6540, 11.5096, -4.9586

Deuteranopia

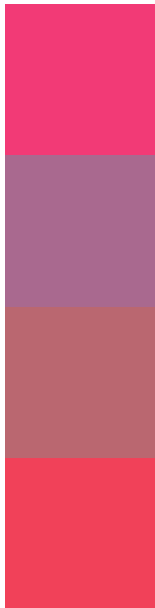
133.6080, -12.1317, 17.8838



Tritanopia

120.4710, -23.8962, 104.8269

Trichromacy



Original Color

119.8560, -0.9150, 107.1203

Protanomaly

128.4680, 7.1643, 35.5466

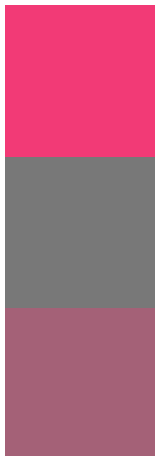
Deuteranomaly

128.8430, -8.3036, 50.1267

Tritanomaly

120.3600, -15.4605, 105.8013

Monochromacy



Original Color

119.8560, -0.9150, 107.1203

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.5410, -0.2667, 38.9905

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.8560, -0.9150, 107.1203 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(242, 58, 118)` looks like.

```
.text, #text, p{  
    color:rgb(242, 58, 118)  
}
```

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(242, 58, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 58, 118) }
```

Border

The CSS property to change the border of an element to YUV 119.8560, -0.9150, 107.1203 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(242, 58, 118) }
```


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

```
.border{ border-color:rgb(242, 58, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 58, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 58, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 58, 118); box-shadow:4px 4px 4px 4px rgb(242, 58, 118) }
```

Background

The CSS property to change the background color of an element to YUV 119.8560, -0.9150, 107.1203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 58, 118) }
```

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

```
.background{ background-color: rgb(242, 58,  
118) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor