

Converting Colors

YUV(115.4550, -2.6893,
116.2420)

Have a look what the booklet for
YUV(115.4550, -2.6893, 116.2420)
contains.

YUV(115.4550, -2.6893, 116.2420)	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(115.4550, -2.6893,
116.2420)**

Conversions

Conversions Part 1

Format	Color
Hex	F8316E
RGB	248, 49, 110
RGB Percent	97%, 19%, 43%
CMY	0.0275, 0.8078, 0.5686
CMYK	0.00, 0.80, 0.56, 0.03
HSL	342°, 93%, 58%
HSV	342°, 80%, 97%
XYZ	42.6242, 23.2789, 16.9986
YIQ	115.4550, 99.0230, 61.1590

Conversions

Conversions Part 2

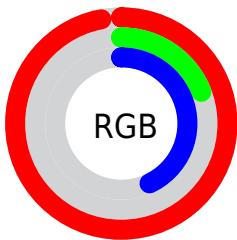
Format	Color
R_{YB}	248, 49, 110
Decimal	16265582
CIE _{Lab}	55.36, 75.14, 15.34
CIE _{LCh}	55, 76.686, 11.539
Yxy	23.2789, 0.5142, 0.2808
Android (android.graphics.Color)	4294455662 (0xFFFF8316E)
YUV	115.4550, -2.6893, 116.2420
Hunter-Lab	48.2482, 73.2590, 12.8849

Details

The YUV color **115.4550, -2.6893, 116.2420** 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 **181.5450, 2.6893, -116.2420**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.1040, -0.5443, 81.4698**, and **62.4970, 0.2480, 107.4351** is the 20% darker color. If you saturate the color by 10%, you get **98.8420, -2.8801, 130.8116**, and if you desaturate by 10%, it is **132.0680, -2.4985, 101.6724**.

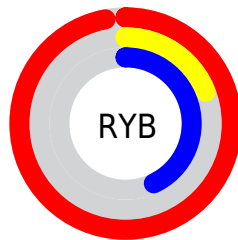
Distribution



Red (97%)

Green (19%)

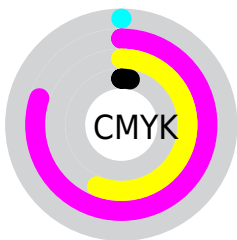
Blue (43%)



Red (97%)

Yellow (19%)

Blue (43%)

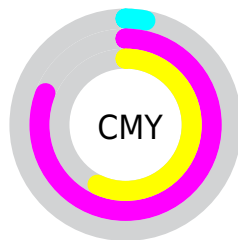


Cyan (0%)

Magenta (80%)

Yellow (56%)

Black (3%)



Cyan (3%)

Magenta (81%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.4550, -2.6893, 116.2420 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 115.4550, -2.6893, 116.2420 by changing the saturation by 10% instead.

 115.4550, -2.6893,
116.2420

 115.4550, -2.6893,
116.2420


255.0000, 0.0000,
0.0000

 74.3880, 5.7247,
124.1937


 162.1040, -0.5443,
81.4698


 62.4970, 0.2480,
107.4351


 183.3790, 2.2782,
62.8116

 50.5350, -4.2078,
89.8618


 203.5940, 6.1162,
45.0831

 38.9860, -8.3741,
72.8033

 224.3960, 9.6648,
26.8397

 27.8500, -12.2510,
56.2596

 243.2600, 5.7878,
10.2960

 18.5810, -7.6814,
37.2015

 7.5890, -3.2484,

15.2694

■ 0.0000, 0.0000,
0.0000

■ 115.4550, -2.6893,
116.2420

■ 115.4550, -2.6893,
116.2420

■ 98.8420, -2.8801,
130.8116

■ 132.0680, -2.4985,
101.6724

■ 82.8160, -3.3603,
144.8664

■ 148.6810, -2.3077,
87.1028

■ 164.8210, -1.3908,
72.9480

■ 181.4340, -1.2000,
58.3784

■ 198.0470, -1.0092,
43.8088

214.6600, -0.8184,
29.2392

231.2730, -0.6276,
14.6696

247.4130, 0.2894,
0.5148

252.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



125.5160, 24.8886, 90.7555



115.4550, -2.6893, 116.2420



121.8710, -37.4044, 97.4601

Triad

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



115.4550, -2.6893, 116.2420



106.0820, -51.8054, -43.9219



117.7070, 67.6854, -103.2290

Complementary

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



115.4550, -2.6893, 116.2420



181.5450, 2.6893, -116.2420

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.



119.0000, 49.7930, -104.3630



115.4550, -2.6893, 116.2420



103.3650, -7.5749, -90.6511

Square

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



115.4550, -2.6893, 116.2420



121.9690, -60.1307, 13.1822



112.9920, 21.6959, -99.0940



106.5540, 73.1839, -93.4479

Rectangle

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



115.4550, -2.6893, 116.2420



123.5390, -60.9047, 74.9493



112.9920, 21.6959, -99.0940



119.4850, 64.3439, -104.7883

Sweetspot

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



115.4550, -2.6893, 116.2420



214.4050, -0.6927, 35.6018



112.3500, 66.8754, 63.7140



103.3170, -0.6493, 21.6470



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.



115.4550, -2.6893, 116.2420



91.8050, -3.3549, 143.1220



129.6330, -39.7521, 103.8079



116.3430, -0.1691, 7.5922



63.1230, -2.5256, 110.3941



20.4050, -0.6927, 35.6018

Inverse Universe

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



115.4550, -2.6893, 116.2420



91.8050, -3.3549, 143.1220



167.3670, 39.7521, -103.8079



116.3430, -0.1691, 7.5922



63.1230, -2.5256, 110.3941



20.4050, -0.6927, 35.6018

Previews

White Background



This preview shows how the YUV color 115.4550, -2.6893, 116.2420 looks on a white background.

Color Contrast Check

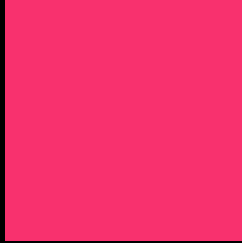
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.4550, -2.6893, 116.2420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

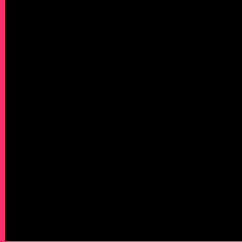
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.4550, -2.6893, 116.2420

Background



This preview shows how black text looks on a background with the YUV color 115.4550, -2.6893, 116.2420.



This preview shows how white text looks on a background with the YUV color 115.4550, -2.6893,

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

115.4550, -2.6893, 116.2420

Protanopia

133.5680, 8.5940, -3.1291

Deuteranopia

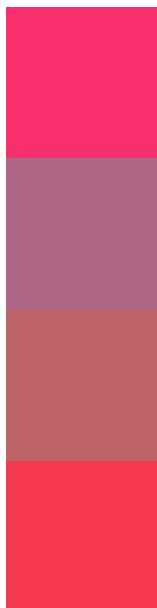
132.8920, -16.2158, 21.1427



Tritanopia

116.5430, -26.3967, 113.5338

Trichromacy



Original Color

115.4550, -2.6893, 116.2420

Protanomaly

127.1050, 4.3852, 40.2499

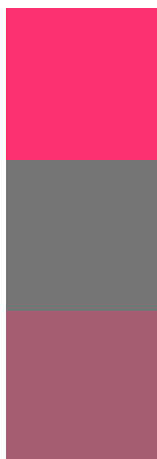
Deuteranomaly

126.7790, -11.2300, 55.4448

Tritanomaly

116.4320, -17.9610, 114.5081

Monochromacy



Original Color

115.4550, -2.6893, 116.2420

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.0360, -1.0037, 42.0644

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.4550, -2.6893, 116.2420 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(248, 49, 110)` looks like.

```
.text, #text, p{  
    color:rgb(248, 49, 110)  
}
```

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(248, 49, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 49, 110) }
```

Border

The CSS property to change the border of an element to YUV 115.4550, -2.6893, 116.2420 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(248, 49, 110) }
```


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

```
.border{ border-color:rgb(248, 49, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 49, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 49, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 49, 110);  
box-shadow:4px 4px 4px 4px rgb(248, 49,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 115.4550, -2.6893, 116.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 49, 110) }
```

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

```
.background{ background-color: rgb(248, 49,  
110) }
```

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