

Converting Colors

YUV(115.2460, 7.7667,
122.5643)

Have a look what the booklet for
YUV(115.2460, 7.7667, 122.5643)
contains.

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Color

**YUV(115.2460, 7.7667,
122.5643)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2983
RGB	255, 41, 131
RGB Percent	100%, 16%, 51%
CMY	0.0000, 0.8392, 0.4863
CMYK	0.00, 0.84, 0.49, 0.00
HSL	335°, 100%, 58%
HSV	335°, 84%, 100%
XYZ	46.1297, 24.4846, 23.7674
YIQ	115.2460, 98.6540, 73.3580

Conversions

Conversions Part 2

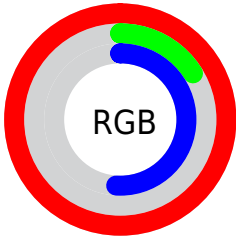
Format	Color
R_{YB}	255, 41, 131
Decimal	16722307
CIE _{Lab}	56.57, 80.13, 4.70
CIE _{LCh}	57, 80.269, 3.356
Yxy	24.4846, 0.4888, 0.2594
Android (android.graphics.Color)	4294912387 (0xFFFF2983)
YUV	115.2460, 7.7667, 122.5643
Hunter-Lab	49.4819, 79.8140, 6.1588

Details

The YUV color **115.2460, 7.7667, 122.5643** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **180.7540, -7.7667, -122.5643**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5520, 10.0809, 80.1999**, and **66.7560, 7.5153, 109.8390** is the 20% darker color. If you saturate the color by 10%, you get **98.8610, 8.4495, 136.9339**, and if you desaturate by 10%, it is **131.6310, 7.0839, 108.1946**.

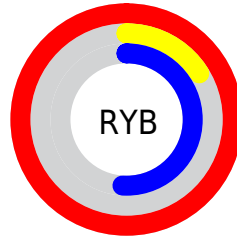
Distribution



Red (100%)

Green (16%)

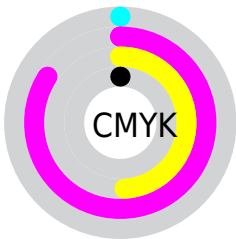
Blue (51%)



Red (100%)

Yellow (16%)

Blue (51%)

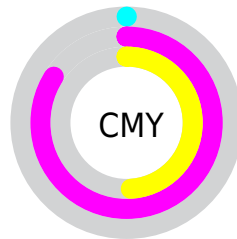


Cyan (0%)

Magenta (84%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (84%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.2460, 7.7667, 122.5643 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 115.2460, 7.7667, 122.5643 by changing the saturation by 10% instead.

115.2460, 7.7667,
122.5643

115.2460, 7.7667,
122.5643

255.0000, 0.0000,
0.0000

78.7610, 13.4288,
126.4976

163.5520, 10.0809,
80.1999

66.7560, 7.5153,
109.8390

184.2400, 13.1927,
62.0565

54.5660, 2.1860,
92.4656

205.7430, 16.8887,
43.1984

42.9030, -2.4172,
75.5071

225.0630, 14.7589,
26.2547

31.5390, -7.1677,
59.1633

242.6730, 6.0772,
10.8108

20.9730, -8.8607,
42.1197

10.8780, -4.8699,

22.0320

■ 0.0000, 0.0000,
0.0000

■ 115.2460, 7.7667,
122.5643

■ 115.2460, 7.7667,
122.5643

■ 98.8610, 8.4495,
136.9339

■ 131.6310, 7.0839,
108.1946

■ 88.4430, 9.1486,
146.0705

■ 148.6030, 6.1117,
93.3102

■ 165.4610, 4.7027,
78.5257

■ 181.8460, 4.0199,
64.1561

■ 198.8180, 3.0477,
49.2716

■ 215.2030, 2.3649,
34.9020

■ 232.0610, 0.9559,
20.1175

■ 248.4460, 0.2731,
5.7479

■ 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.



131.7410, 33.6517, 80.0341



115.2460, 7.7667, 122.5643



121.2500, -28.7172, 111.1598

Triad

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



115.2460, 7.7667, 122.5643



114.9270, -56.6590, -27.1230



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.



115.2460, 7.7667, 122.5643



180.7540, -7.7667, -122.5643

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.



120.9090, 44.4149, -106.0372



115.2460, 7.7667, 122.5643



102.8460, -17.1791, -90.1959

Square

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



115.2460, 7.7667, 122.5643



126.7750, -62.5001, 26.5073



113.6300, 13.9864, -99.6535



112.4240, 70.2900, -98.5958

Rectangle

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



115.2460, 7.7667, 122.5643



124.4360, -57.8959, 89.9486



113.6300, 13.9864, -99.6535



123.3660, 61.4446, -108.1920

Sweetspot

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



115.2460, 7.7667, 122.5643



213.2140, 2.3595, 36.6463



101.5750, 75.6385, 52.9927



102.4850, 1.2399, 22.3767



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.



115.2460, 7.7667, 122.5643



88.4430, 9.1486, 146.0705



113.2040, -35.5966, 124.3551



119.4570, 0.2677, 7.4922



66.2290, 6.7891, 109.4242



22.2140, 2.3595, 36.6463

Inverse Universe

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



115.2460, 7.7667, 122.5643



88.4430, 9.1486, 146.0705



182.7960, 35.5966, -124.3551



119.4570, 0.2677, 7.4922



66.2290, 6.7891, 109.4242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 115.2460, 7.7667, 122.5643 looks on a white background.

Color Contrast Check

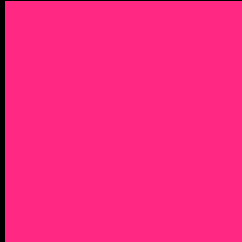
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.2460, 7.7667, 122.5643 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 115.2460, 7.7667, 122.5643

Background



This preview shows how black text looks on a background with the YUV color 115.2460, 7.7667, 122.5643.



This preview shows how white text looks on a background with the YUV color 115.2460, 7.7667,

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

115.2460, 7.7667, 122.5643

Protanopia

136.1830, 22.5878, -11.5615

Deuteranopia

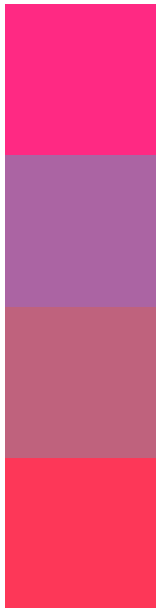
137.0360, -7.9057, 15.7544



Tritanopia

119.6250, -27.4231, 116.0929

Trichromacy



Original Color

115.2460, 7.7667, 122.5643

Protanomaly

128.4110, 17.0524, 37.3506

Deuteranomaly

128.8850, -1.9153, 54.4749

Tritanomaly

117.9640, -14.7723, 118.4266

Monochromacy



Original Color

115.2460, 7.7667, 122.5643

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.0840, 2.9166, 44.6533

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.2460, 7.7667, 122.5643 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, 41, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 41, 131)  
}
```

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, 41, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 41, 131) }
```

Border

The CSS property to change the border of an element to YUV 115.2460, 7.7667, 122.5643 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, 41, 131) }
```


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

```
.border{ border-color:rgb(255, 41, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 41, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 41, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 41, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 41,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 115.2460, 7.7667, 122.5643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 41, 131) }
```

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

```
.background{ background-color: rgb(255, 41,  
131) }
```

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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