

Converting Colors

YUV(110.4700, -15.5147,
123.2448)

Have a look what the booklet for
YUV(110.4700, -15.5147, 123.2448)
contains.

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Color

**YUV(110.4700, -15.5147,
123.2448)**

Conversions

Conversions Part 1

Format	Color
Hex	FB2D4F
RGB	251, 45, 79
RGB Percent	98%, 18%, 31%
CMY	0.0157, 0.8235, 0.6902
CMYK	0.00, 0.82, 0.69, 0.02
HSL	350°, 96%, 58%
HSV	350°, 82%, 98%
XYZ	42.1333, 22.9505, 9.6064
YIQ	110.4700, 111.8620, 54.2460

Conversions

Conversions Part 2

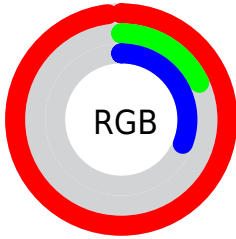
Format	Color
R_{YB}	251, 45, 79
Decimal	16461135
CIE Lab	55.02, 75.11, 33.42
CIE LCh	55, 82.211, 23.982
Yxy	22.9505, 0.5641, 0.3073
Android (android.graphics.Color)	4294651215 (0xFFFB2D4F)
YUV	110.4700, -15.5147, 123.2448
Hunter-Lab	47.9067, 73.1518, 21.6457

Details

The YUV color **110.4700, -15.5147, 123.2448** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **185.5300, 15.5147, -123.2448**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.1680, -14.3798, 85.7987**, and **59.6040, -12.1298, 110.8493** is the 20% darker color. If you saturate the color by 10%, you get **93.4010, -17.4527, 138.2143**, and if you desaturate by 10%, it is **127.5390, -13.5767, 108.2753**.

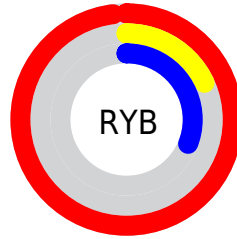
Distribution



Red (98%)

Green (18%)

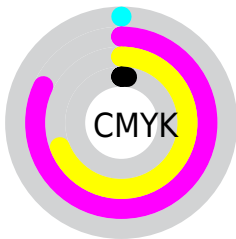
Blue (31%)



Red (98%)

Yellow (18%)

Blue (31%)

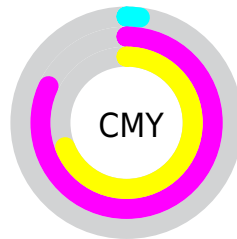


Cyan (0%)

Magenta (82%)

Yellow (69%)

Black (2%)



Cyan (2%)


Magenta (82%)

Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YUV color 110.4700, -15.5147, 123.2448 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 110.4700, -15.5147, 123.2448 by changing the saturation by 10% instead.


 110.4700,
-15.5147, 123.2448

 110.4700,
-15.5147, 123.2448


255.0000, 0.0000,
0.0000

 71.5660, -7.6740,
128.4226


 157.1680,
-14.3798, 85.7987


 59.6040, -12.1298,
110.8493


 177.7420,
-11.7048, 67.7553

 47.7560, -16.1487,
93.1760


 198.4300, -8.5930,
49.6119

 36.4780, -17.9837,
75.0028

 219.1180, -5.4812,
31.4685

 27.5510, -12.1036,
55.6448

 240.0340, -1.4958,
13.1252

 18.2820, -7.5340,
36.5867

 6.8770, -3.3904,

14.1399

■ 0.0000, 0.0000,
0.0000

■ 110.4700,
-15.5147, 123.2448

■ 110.4700,
-15.5147, 123.2448

■ 93.4010, -17.4527,
138.2143

■ 127.5390,
-13.5767, 108.2753

■ 79.7230, -19.0904,
150.2099

■ 144.6080,
-11.6387, 93.3058

■ 161.6770, -9.7008,
78.3363

■ 178.7460, -7.7628,
63.3668

■ 196.4020, -6.1142,
47.8824

213.4710, -4.1762,
32.9129

230.5400, -2.2382,
17.9434

247.6090, -0.3002,
2.9739

253.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



108.4490, 19.9916, 121.5092



110.4700, -15.5147, 123.2448



119.2080, -58.7695, 90.1486

Triad

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



110.4700, -15.5147, 123.2448



95.6760, -29.4203, -83.9079



114.1850, 69.4218, -100.1402

Complementary

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



110.4700, -15.5147, 123.2448



185.5300, 15.5147, -123.2448

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.



120.9040, 62.1653, -106.0328



110.4700, -15.5147, 123.2448



107.6170, 3.6398, -94.3801

Square

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



110.4700, -15.5147, 123.2448



116.2110, -57.2920, -10.7090



116.5260, 35.2367, -102.1933



124.0390, 64.5638, -35.1142

Rectangle

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



110.4700, -15.5147, 123.2448



123.7280, -60.9979, 58.1205



116.5260, 35.2367, -102.1933



117.7070, 67.6854, -103.2290

Sweetspot

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



110.4700, -15.5147, 123.2448



211.3900, -4.6293, 38.2460



119.9120, 64.6264, 85.1462



101.4590, -2.6913, 23.2765



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.



110.4700, -15.5147, 123.2448



84.4240, -18.9430, 149.5952



147.0970, -50.3338, 91.1229



116.2290, -0.6059, 7.6922



60.0450, -14.3192, 113.0935



19.3790, -4.6238, 36.5016

Inverse Universe

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



110.4700, -15.5147, 123.2448



84.4240, -18.9430, 149.5952



148.9030, 50.3338, -91.1229



116.2290, -0.6059, 7.6922



60.0450, -14.3192, 113.0935



19.3790, -4.6238, 36.5016

Previews

White Background



This preview shows how the YUV color 110.4700, -15.5147, 123.2448 looks on a white background.

Color Contrast Check

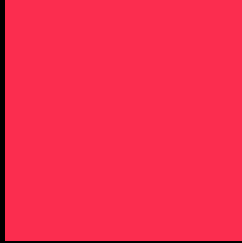
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.4700, -15.5147, 123.2448 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 110.4700, -15.5147, 123.2448 Background



This preview shows how black text looks on a background with the YUV color 110.4700, -15.5147, 123.2448.



This preview shows how white text looks on a background with the YUV color 110.4700, -15.5147, 123.2448.

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

110.4700, -15.5147, 123.2448

Protanopia

131.6990, -10.2046, 6.4030

Deuteranopia

130.1520, -30.6409, 27.9307



Tritanopia

110.5010, -29.3340, 122.3406

Trichromacy



Original Color

110.4700, -15.5147, 123.2448

Protanomaly

123.8060, -12.2294, 49.2821

Deuteranomaly

123.1530, -25.2184, 62.1328

Tritanomaly

110.4670, -24.3872, 122.3704

Monochromacy



Original Color

110.4700, -15.5147, 123.2448

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9070, -5.3772, 44.8086

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.4700, -15.5147, 123.2448 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(251, 45, 79)` looks like.

```
.text, #text, p{  
    color:rgb(251, 45, 79)  
}
```

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(251, 45, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 45, 79) }
```

Border

The CSS property to change the border of an element to YUV 110.4700, -15.5147, 123.2448 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(251, 45, 79) }
```


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

```
.border{ border-color:rgb(251, 45, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 45, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 45, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 45, 79);  
box-shadow:4px 4px 4px 4px rgb(251, 45,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 110.4700, -15.5147, 123.2448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 45, 79) }
```

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

```
.background{ background-color: rgb(251, 45,  
79) }
```

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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