

Converting Colors

YUV(110.4190, -8.0946,
123.2895)

Have a look what the booklet for
YUV(110.4190, -8.0946, 123.2895)
contains.

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Color

**YUV(110.4190, -8.0946,
123.2895)**

Conversions

Conversions Part 1

Format	Color
Hex	FB2A5E
RGB	251, 42, 94
RGB Percent	98%, 16%, 37%
CMY	0.0157, 0.8353, 0.6314
CMYK	0.00, 0.83, 0.63, 0.02
HSL	345°, 96%, 57%
HSV	345°, 83%, 98%
XYZ	42.6320, 22.9733, 12.7770
YIQ	110.4190, 107.8720, 60.4800

Conversions

Conversions Part 2

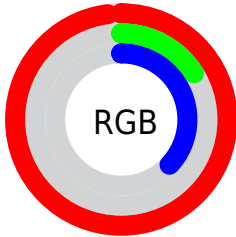
Format	Color
RYB	251, 42, 94
Decimal	16460382
CIELab	55.04, 76.51, 24.58
CIELCh	55, 80.361, 17.807
Yxy	22.9733, 0.5439, 0.2931
Android (android.graphics.Color)	4294650462 (0xFFFB2A5E)
YUV	110.4190, -8.0946, 123.2895
Hunter-Lab	47.9305, 74.8894, 17.7462

Details

The YUV color **110.4190, -8.0946, 123.2895** 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 **182.5810, 8.0946, -123.2895**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.8180, -6.8123, 85.2286**, and **61.4990, -6.1620, 110.0644** is the 20% darker color. If you saturate the color by 10%, you get **93.5780, -9.1590, 138.0591**, and if you desaturate by 10%, it is **127.2600, -7.0302, 108.5200**.

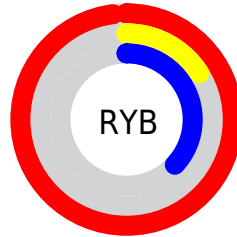
Distribution



Red (98%)

Green (16%)

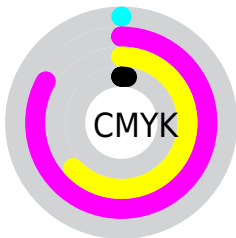
Blue (37%)



Red (98%)

Yellow (16%)

Blue (37%)

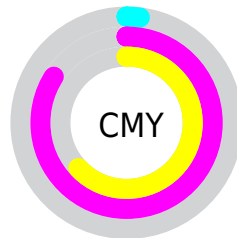


Cyan (0%)

Magenta (83%)

Yellow (63%)

Black (2%)



Cyan (2%)


Magenta (84%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YUV color 110.4190, -8.0946, 123.2895 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 110.4190, -8.0946, 123.2895 by changing the saturation by 10% instead.

 110.4190, -8.0946,
123.2895


 110.4190, -8.0946,
123.2895


255.0000, 0.0000,
0.0000


 73.5750, -1.2695,
127.5377


 157.8180, -6.8123,
85.2286


 61.4990, -6.1620,
110.0644


 178.9790, -4.4266,
66.6704


 49.6510, -10.1809,
92.3911


 199.7810, -0.8780,
48.4271

 37.1190, -16.8207,
75.3176

 220.5830, 2.6706,
30.1837

 27.8500, -12.2510,
56.2596

 241.3850, 6.2192,
11.9404

 18.5810, -7.6814,
37.2015

 7.5890, -3.2484,

15.2694

■ 0.0000, 0.0000,
0.0000

■ 110.4190, -8.0946,
123.2895

■ 110.4190, -8.0946,
123.2895

■ 93.5780, -9.1590,
138.0591

■ 127.2600, -7.0302,
108.5200

■ 82.1170, -9.9177,
148.1104

■ 144.1010, -5.9658,
93.7504

■ 160.9420, -4.9014,
78.9809

■ 177.6690, -4.2738,
64.3113

■ 194.5100, -3.2094,
49.5417

211.9380, -2.4344,
34.2574

228.7790, -1.3700,
19.4878

245.6200, -0.3057,
4.7183

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.



116.4580, 22.9452, 107.4693



110.4190, -8.0946, 123.2895



120.4010, -48.0187, 95.2413

Triad

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



110.4190, -8.0946, 123.2895



92.3360, -37.1406, -80.9787



116.5330, 68.2642, -102.1994

Complementary

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



110.4190, -8.0946, 123.2895



182.5810, 8.0946, -123.2895

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.



120.1230, 56.6344, -105.3479



110.4190, -8.0946, 123.2895



105.3200, -2.6228, -92.3656

Square

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



110.4190, -8.0946, 123.2895



118.9460, -58.6404, 1.8014



114.8160, 28.6847, -100.6936



106.9190, 73.0039, -82.3670

Rectangle

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



110.4190, -8.0946, 123.2895



123.1960, -60.7356, 67.3571



114.8160, 28.6847, -100.6936



118.8810, 67.1067, -104.2586

Sweetspot

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



110.4190, -8.0946, 123.2895



211.9600, -2.4453, 37.7461



112.7690, 68.1479, 75.6246



101.8010, -1.3809, 22.9765



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.



110.4190, -8.0946, 123.2895



83.4270, -10.0705, 150.4695



135.0150, -45.8564, 101.7188



116.3430, -0.1691, 7.5922



61.8690, -7.3304, 111.4939



19.9490, -2.4399, 36.0017

Inverse Universe

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



110.4190, -8.0946, 123.2895



83.4270, -10.0705, 150.4695



157.9850, 45.8564, -101.7188



116.3430, -0.1691, 7.5922



61.8690, -7.3304, 111.4939



19.9490, -2.4399, 36.0017

Previews

White Background



This preview shows how the YUV color 110.4190, -8.0946, 123.2895 looks on a white background.

Color Contrast Check

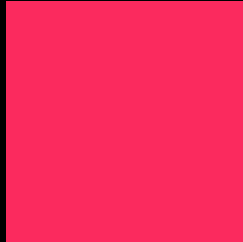
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.4190, -8.0946, 123.2895 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 110.4190, -8.0946, 123.2895

Background



This preview shows how black text looks on a background with the YUV color 110.4190, -8.0946, 123.2895.



This preview shows how white text looks on a background with the YUV color 110.4190, -8.0946,

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

110.4190, -8.0946, 123.2895

Protanopia

132.5980, -0.2948, 1.2296

Deuteranopia

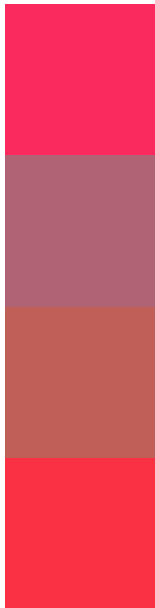
131.0790, -23.2099, 24.4867



Tritanopia

111.6040, -28.8918, 120.4963

Trichromacy



Original Color

110.4190, -8.0946, 123.2895

Protanomaly

124.4880, -3.1986, 46.0530

Deuteranomaly

123.2050, -17.3561, 60.3332

Tritanomaly

111.2650, -21.3296, 121.6706

Monochromacy



Original Color

110.4190, -8.0946, 123.2895

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.8900, -2.9038, 44.8235

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.4190, -8.0946, 123.2895 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, 42, 94)` looks like.

```
.text, #text, p{  
    color:rgb(251, 42, 94)  
}
```

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, 42, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 42, 94) }
```

Border

The CSS property to change the border of an element to YUV 110.4190, -8.0946, 123.2895 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, 42, 94) }
```


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

```
.border{ border-color:rgb(251, 42, 94) }
```

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

Here you see how a box with a 4 pixel rgb(251, 42, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 42, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 42, 94);  
box-shadow:4px 4px 4px 4px rgb(251, 42,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 110.4190, -8.0946, 123.2895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 42, 94) }
```

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

```
.background{ background-color: rgb(251, 42,  
94) }
```

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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