

Converting Colors

YUV(112.3000, -10.9939,
119.8859)

Have a look what the booklet for
YUV(112.3000, -10.9939, 119.8859)
contains.

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Color

**YUV(112.3000, -10.9939,
119.8859)**

Conversions

Conversions Part 1

Format	Color
Hex	F92F5A
RGB	249, 47, 90
RGB Percent	98%, 18%, 35%
CMY	0.0235, 0.8157, 0.6471
CMYK	0.00, 0.81, 0.64, 0.02
HSL	347°, 94%, 58%
HSV	347°, 81%, 98%
XYZ	41.9289, 22.9110, 11.8852
YIQ	112.3000, 106.5890, 56.1970

Conversions

Conversions Part 2

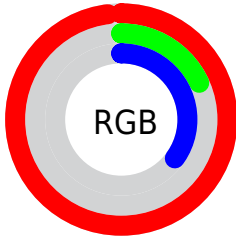
Format	Color
RYB	249, 47, 90
Decimal	16330586
CIELab	54.98, 74.67, 26.80
CIElCh	55, 79.335, 19.741
Yxy	22.9110, 0.5465, 0.2986
Android (android.graphics.Color)	4294520666 (0xFFFF92F5A)
YUV	112.3000, -10.9939, 119.8859
Hunter-Lab	47.8654, 72.5972, 18.7838

Details

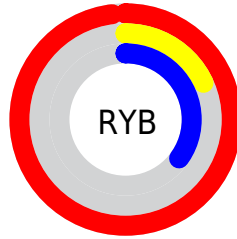
The YUV color **112.3000, -10.9939, 119.8859** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **183.7000, 10.9939, -119.8859**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.1230, -9.4276, 84.0841**, and **60.4450, -7.6144, 109.2347** is the 20% darker color. If you saturate the color by 10%, you get **95.3450, -12.4951, 134.7554**, and if you desaturate by 10%, it is **129.2550, -9.4927, 105.0164**.

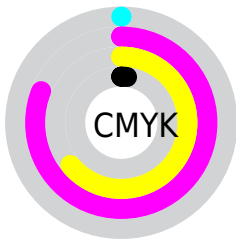
Distribution



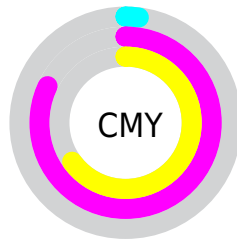
- Red (98%)
- Green (18%)
- Blue (35%)



- Red (98%)
- Yellow (18%)
- Blue (35%)



- Cyan (0%)
- Magenta (81%)
- Yellow (64%)
- Black (2%)



- Cyan (2%)
- Magenta (82%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.3000, -10.9939, 119.8859 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 112.3000, -10.9939, 119.8859 by changing the saturation by 10% instead.

■ 112.3000,
-10.9939, 119.8859

■ 112.3000,
-10.9939, 119.8859

255.0000, 0.0000,
0.0000

■ 72.5210, -2.7219,
126.7081

■ 159.1230, -9.4276,
84.0841

■ 60.4450, -7.6144,
109.2347

■ 179.6970, -6.7526,
66.0407

■ 48.5970, -11.6333,
91.5614

■ 200.3850, -3.6408,
47.8974

■ 36.4780, -17.9837,
75.0028

■ 221.1870, -0.0922,
29.6540

■ 27.2520, -11.9562,
55.0300

■ 241.9890, 3.4564,
11.4106

■ 18.2820, -7.5340,
36.5867

■ 6.5780, -3.2430,

13.5251

■ 0.0000, 0.0000,
0.0000

■ 112.3000,
-10.9939, 119.8859

■ 112.3000,
-10.9939, 119.8859

■ 95.3450, -12.4951,
134.7554

■ 129.2550, -9.4927,
105.0164

■ 80.4930, -13.5540,
147.7806

■ 146.0960, -8.4283,
90.2468

■ 163.0510, -6.9271,
75.3773

■ 179.8920, -5.8628,
60.6077

■ 196.2600, -4.0722,
46.2530

213.2150, -2.5710,
31.3834

230.0560, -1.5066,
16.6139

247.0110, -0.0054,
1.7444

253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



116.7740, 20.3244, 108.0692



112.3000, -10.9939, 119.8859



120.5100, -50.0444, 91.6377

Triad

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



112.3000, -10.9939, 119.8859



93.4760, -32.7727, -81.9785



115.3590, 68.8430, -101.1698

Complementary

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



112.3000, -10.9939, 119.8859



183.7000, 10.9939, -119.8859

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.



119.6500, 57.3606, -104.9330



112.3000, -10.9939, 119.8859



105.8900, -0.4388, -92.8655

Square

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



112.3000, -10.9939, 119.8859



118.3370, -58.3401, -1.1725



114.5710, 30.2845, -100.4788



118.0040, 67.5390, -56.1315

Rectangle

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



112.3000, -10.9939, 119.8859



123.1740, -60.7248, 63.8684



114.5710, 30.2845, -100.4788



118.2940, 67.3961, -103.7438

Sweetspot

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



112.3000, -10.9939, 119.8859



213.7210, -3.3135, 36.2017



117.2700, 64.9429, 76.9392



102.8610, -2.3965, 22.0469



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.



112.3000, -10.9939, 119.8859



87.7810, -13.6960, 146.6511



140.8570, -46.2715, 94.8414



116.2290, -0.6059, 7.6922



61.0710, -10.3880, 112.1937



19.7210, -3.3135, 36.2017

Inverse Universe

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



112.3000, -10.9939, 119.8859



87.7810, -13.6960, 146.6511



155.1430, 46.2715, -94.8414



116.2290, -0.6059, 7.6922



61.0710, -10.3880, 112.1937



19.7210, -3.3135, 36.2017

Previews

White Background



This preview shows how the YUV color 112.3000, -10.9939, 119.8859 looks on a white background.

Color Contrast Check

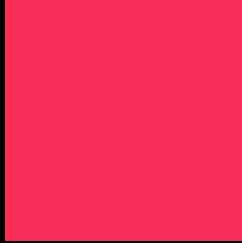
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.3000, -10.9939, 119.8859 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 112.3000, -10.9939, 119.8859 Background



This preview shows how black text looks on a background with the YUV color 112.3000, -10.9939, 119.8859.



This preview shows how white text looks on a background with the YUV color 112.3000, -10.9939, 119.8859.

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

112.3000, -10.9939, 119.8859

Protanopia

131.8110, -3.3578, 3.6738

Deuteranopia

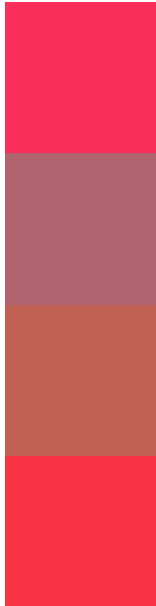
130.9220, -25.1045, 25.5014



Tritanopia

112.8210, -28.0128, 118.5520

Trichromacy



Original Color

112.3000, -10.9939, 119.8859

Protanomaly

124.3910, -6.1088, 46.1381

Deuteranomaly

123.9230, -19.6820, 59.7035

Tritanomaly

112.4280, -21.9030, 118.8966

Monochromacy



Original Color

112.3000, -10.9939, 119.8859

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.9500, -3.9193, 43.8939

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.3000, -10.9939, 119.8859 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(249, 47, 90)` looks like.

```
.text, #text, p{  
    color:rgb(249, 47, 90)  
}
```

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(249, 47, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 47, 90) }
```

Border

The CSS property to change the border of an element to YUV 112.3000, -10.9939, 119.8859 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(249, 47, 90) }
```


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

```
.border{ border-color:rgb(249, 47, 90) }
```

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

Here you see how a box with a 4 pixel rgb(249, 47, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 47, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 47, 90);  
box-shadow:4px 4px 4px 4px rgb(249, 47,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 112.3000, -10.9939, 119.8859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 47, 90) }
```

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

```
.background{ background-color: rgb(249, 47,  
90) }
```

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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