

Converting Colors

YUV(114.3220, -11.0047,
123.3746)

Have a look what the booklet for
YUV(114.3220, -11.0047, 123.3746)
contains.

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Color

**YUV(114.3220, -11.0047,
123.3746)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2F5C
RGB	255, 47, 92
RGB Percent	100%, 18%, 36%
CMY	0.0000, 0.8157, 0.6392
CMYK	0.00, 0.82, 0.64, 0.00
HSL	347°, 100%, 59%
HSV	347°, 82%, 100%
XYZ	44.1883, 24.0657, 12.4414
YIQ	114.3220, 109.5230, 58.0910

Conversions

Conversions Part 2

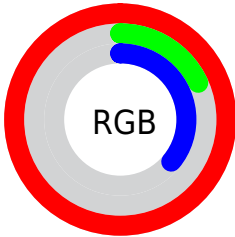
Format	Color
R_{YB}	255, 47, 92
Decimal	16723804
CIE _{Lab}	56.15, 76.33, 27.35
CIE _{LCh}	56, 81.086, 19.714
Yxy	24.0657, 0.5476, 0.2982
Android (android.graphics.Color)	4294913884 (0xFFFF2F5C)
YUV	114.3220, -11.0047, 123.3746
Hunter-Lab	49.0568, 74.9356, 19.3032

Details

The YUV color **114.3220, -11.0047, 123.3746** 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 **187.6780, 11.0047, -123.3746**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9380, -8.8434, 83.3694**, and **62.1680, -7.4778, 112.1087** is the 20% darker color. If you saturate the color by 10%, you get **97.3670, -12.5059, 138.2441**, and if you desaturate by 10%, it is **131.8640, -9.7930, 107.9903**.

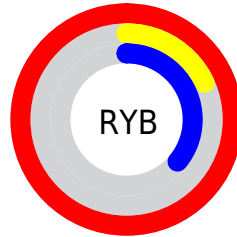
Distribution



Red (100%)

Green (18%)

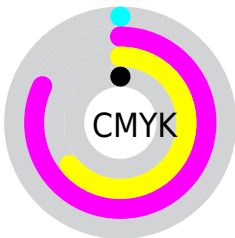
Blue (36%)



Red (100%)

Yellow (18%)

Blue (36%)

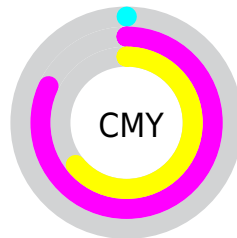


Cyan (0%)

Magenta (82%)

Yellow (64%)

Black (0%)



Cyan (0%)

Magenta (82%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.3220, -11.0047, 123.3746 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 114.3220, -11.0047, 123.3746 by changing the saturation by 10% instead.

■ 114.3220,
-11.0047, 123.3746

■ 114.3220,
-11.0047, 123.3746

255.0000, 0.0000,
0.0000

■ 74.5430, -2.7327,
130.1968

■ 159.9380, -8.8434,
83.3694

■ 62.1680, -7.4778,
112.1087

■ 180.5120, -6.1684,
65.3260

■ 50.3200, -11.4968,
94.4354

■ 201.2000, -3.0566,
47.1826

■ 38.0870, -18.2839,
77.9767

■ 222.0020, 0.4920,
28.9392

■ 28.6330, -13.1301,
58.2039

■ 242.9180, 4.4774,
10.5959

■ 19.7770, -8.2711,
39.6606

■ 9.0840, -3.9854,

18.3433

■ 0.0000, 0.0000,
0.0000

■ 114.3220,
-11.0047, 123.3746

■ 114.3220,
-11.0047, 123.3746

■ 97.3670, -12.5059,
138.2441

■ 131.8640, -9.7930,
107.9903

■ 82.5150, -13.5649,
151.2693

■ 148.8190, -8.2918,
93.1207

■ 166.3610, -7.0800,
77.7364

■ 183.3160, -5.5788,
62.8669

■ 200.8580, -4.3670,
47.4825

217.8130, -2.8658,
32.6130

235.3550, -1.6540,
17.2287

252.3100, -0.1528,
2.3591

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.



119.0240, 21.1872, 111.3580



114.3220, -11.0047, 123.3746



123.4780, -51.5077, 94.2968

Triad

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



114.3220, -11.0047, 123.3746



95.8240, -33.9302, -84.0376



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.



114.3220, -11.0047, 123.3746



187.6780, 11.0047, -123.3746

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.



122.6820, 58.8238, -107.5921



114.3220, -11.0047, 123.3746



107.8790, -0.4333, -94.6099

Square

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



114.3220, -11.0047, 123.3746



120.6960, -59.5031, -1.4874



117.3750, 30.8741, -102.9379



119.4660, 66.8183, -58.2907

Rectangle

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



114.3220, -11.0047, 123.3746



126.4300, -62.3300, 65.3979



117.3750, 30.8741, -102.9379



120.6420, 66.2385, -105.8030

Sweetspot

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



114.3220, -11.0047, 123.3746



213.7210, -3.3135, 36.2017



119.4490, 66.8266, 79.4132



102.9750, -1.9597, 21.9469



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.



114.3220, -11.0047, 123.3746



85.9060, -13.2647, 148.2954



143.8250, -47.7347, 97.5005



119.2290, -0.6059, 7.6922



61.7830, -10.2460, 113.3233



20.7320, -3.3189, 37.9460

Inverse Universe

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



114.3220, -11.0047, 123.3746



85.9060, -13.2647, 148.2954



158.1750, 47.7347, -97.5005



119.2290, -0.6059, 7.6922



61.7830, -10.2460, 113.3233



20.7320, -3.3189, 37.9460

Previews

White Background



This preview shows how the YUV color 114.3220, -11.0047, 123.3746 looks on a white background.

Color Contrast Check

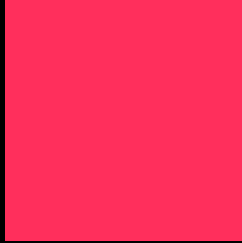
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.3220, -11.0047, 123.3746 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 114.3220, -11.0047, 123.3746 Background



This preview shows how black text looks on a background with the YUV color 114.3220, -11.0047, 123.3746.



This preview shows how white text looks on a background with the YUV color 114.3220, -11.0047, 123.3746.

123.3746.

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

114.3220, -11.0047, 123.3746

Protanopia

134.8110, -3.3578, 3.6738

Deuteranopia

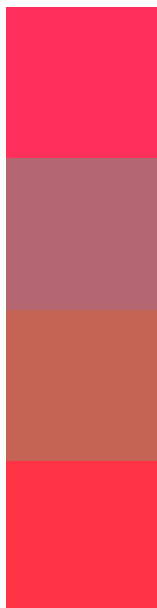
133.9930, -26.1255, 26.3161



Tritanopia

114.6150, -28.8972, 122.2406

Trichromacy



Original Color

114.3220, -11.0047, 123.3746

Protanomaly

127.1030, -5.9668, 47.2677

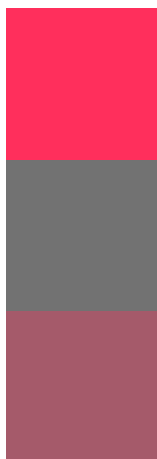
Deuteranomaly

126.7060, -20.5611, 61.6478

Tritanomaly

114.3360, -22.3506, 122.4853

Monochromacy



Original Color

114.3220, -11.0047, 123.3746

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.2490, -4.0668, 44.5086

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.3220, -11.0047, 123.3746 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, 47, 92)` looks like.

```
.text, #text, p{  
    color:rgb(255, 47, 92)  
}
```

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, 47, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 47, 92) }
```

Border

The CSS property to change the border of an element to YUV 114.3220, -11.0047, 123.3746 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, 47, 92) }
```


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

```
.border{ border-color:rgb(255, 47, 92) }
```

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

Here you see how a box with a 4 pixel rgb(255, 47, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 47, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 47, 92);  
box-shadow:4px 4px 4px 4px rgb(255, 47,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 114.3220, -11.0047, 123.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 47, 92) }
```

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

```
.background{ background-color: rgb(255, 47,  
92) }
```

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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