

Converting Colors

YUV(114.2250, -13.9149,
123.4597)

Have a look what the booklet for
YUV(114.2250, -13.9149, 123.4597)
contains.

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Color

**YUV(114.2250, -13.9149,
123.4597)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3056
RGB	255, 48, 86
RGB Percent	100%, 19%, 34%
CMY	0.0000, 0.8118, 0.6627
CMYK	0.00, 0.81, 0.66, 0.00
HSL	349°, 100%, 59%
HSV	349°, 81%, 100%
XYZ	43.9767, 24.0458, 11.1276
YIQ	114.2250, 111.1740, 55.7020

Conversions

Conversions Part 2

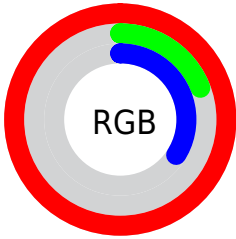
Format	Color
R _Y B	255, 48, 86
Decimal	16724054
CIE Lab	56.13, 75.80, 30.86
CIE LCh	56, 81.842, 22.153
Yxy	24.0458, 0.5556, 0.3038
Android (android.graphics.Color)	4294914134 (0xFFFF3056)
YUV	114.2250, -13.9149, 123.4597
Hunter-Lab	49.0365, 74.2676, 20.8712

Details

The YUV color **114.2250, -13.9149, 123.4597** 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 **188.7750, 13.9149, -123.4597**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.1400, -11.9010, 84.0692**, and **61.4840, -10.0986, 112.7085** is the 20% darker color. If you saturate the color by 10%, you get **97.1560, -15.8529, 138.4292**, and if you desaturate by 10%, it is **131.8810, -12.2663, 107.9754**.

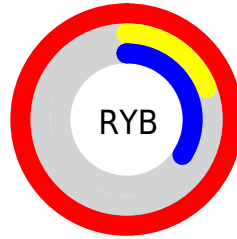
Distribution



Red (100%)

Green (19%)

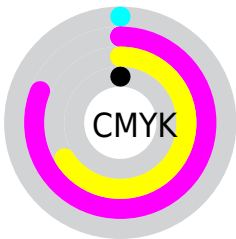
Blue (34%)



Red (100%)

Yellow (19%)

Blue (34%)

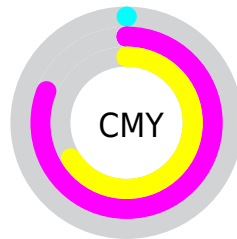


Cyan (0%)

Magenta (81%)

Yellow (66%)

Black (0%)



Cyan (0%)

Magenta (81%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.2250, -13.9149, 123.4597 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 114.2250, -13.9149, 123.4597 by changing the saturation by 10% instead.

■ 114.2250,
-13.9149, 123.4597

■ 114.2250,
-13.9149, 123.4597

255.0000, 0.0000,
0.0000

■ 73.5600, -5.2061,
130.1819

■ 159.1400,
-11.9010, 84.0692

■ 61.4840, -10.0986,
112.7085

■ 179.8280, -8.7892,
65.9258

■ 49.7500, -13.6807,
94.9352

■ 200.5160, -5.6774,
47.7825

■ 37.6740, -18.5733,
77.4619

■ 221.2040, -2.5656,
29.6391

■ 28.6330, -13.1301,
58.2039

■ 242.7070, 1.1304,
10.7810

■ 19.4780, -8.1237,
39.0458

■ 9.0840, -3.9854,

18.3433

■ 0.0000, 0.0000,
0.0000

■ 114.2250,
-13.9149, 123.4597

■ 114.2250,
-13.9149, 123.4597

■ 97.1560, -15.8529,
138.4292

■ 131.8810,
-12.2663, 107.9754

■ 81.6030, -17.0593,
152.0692

■ 148.9500,
-10.3284, 93.0058

■ 166.4920, -9.1166,
77.6215

■ 183.5610, -7.1786,
62.6520

■ 201.2170, -5.5300,
47.1677

218.2860, -3.5920,
32.1982

235.9420, -1.9434,
16.7139

253.0110, -0.0054,
1.7444

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.



115.7150, 19.8605, 116.8909



114.2250, -13.9149, 123.4597



122.1590, -57.7594, 92.8226

Triad

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



114.2250, -13.9149, 123.4597



96.6220, -30.8726, -84.7375



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.



114.2250, -13.9149, 123.4597



188.7750, 13.9149, -123.4597

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.



122.6650, 61.2972, -107.5772



114.2250, -13.9149, 123.4597



109.1500, 1.8980, -95.7246

Square

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



114.2250, -13.9149, 123.4597



120.0760, -59.1975, -6.2057



118.1730, 33.9317, -103.6377



124.2830, 64.4435, -43.2212

Rectangle

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



114.2250, -13.9149, 123.4597



126.4080, -62.3191, 61.9092



118.1730, 33.9317, -103.6377



120.0550, 66.5279, -105.2882

Sweetspot

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



114.2250, -13.9149, 123.4597



213.4930, -4.1870, 36.4016



121.2320, 65.9476, 81.3575



102.7470, -2.8333, 22.1469



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.



114.2250, -13.9149, 123.4597



86.9830, -16.7536, 147.3509



146.2870, -48.4555, 95.3413



119.1150, -1.0427, 7.7921



61.0990, -12.8668, 113.9232



20.5040, -4.1925, 38.1460

Inverse Universe

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



114.2250, -13.9149, 123.4597



86.9830, -16.7536, 147.3509



156.7130, 48.4555, -95.3413



119.1150, -1.0427, 7.7921



61.0990, -12.8668, 113.9232



20.5040, -4.1925, 38.1460

Previews

White Background



This preview shows how the YUV color 114.2250, -13.9149, 123.4597 looks on a white background.

Color Contrast Check

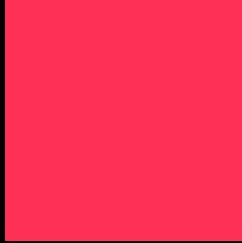
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.2250, -13.9149, 123.4597 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 114.2250, -13.9149, 123.4597 Background



This preview shows how black text looks on a background with the YUV color 114.2250, -13.9149, 123.4597.



This preview shows how white text looks on a background with the YUV color 114.2250, -13.9149, 123.4597.

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

114.2250, -13.9149, 123.4597

Protanopia

134.4970, -7.1470, 5.7031

Deuteranopia

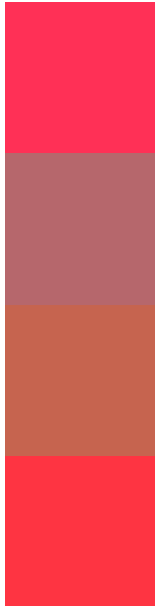
133.6080, -28.8937, 27.5308



Tritanopia

114.5010, -29.3340, 122.3406

Trichromacy



Original Color

114.2250, -13.9149, 123.4597

Protanomaly

127.1910, -9.4612, 48.0675

Deuteranomaly

126.9080, -23.6186, 62.3477

Tritanomaly

113.9940, -23.6610, 122.7853

Monochromacy



Original Color

114.2250, -13.9149, 123.4597

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0210, -4.9404, 44.7086

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.2250, -13.9149, 123.4597 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, 48, 86)` looks like.

```
.text, #text, p{  
    color:rgb(255, 48, 86)  
}
```

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, 48, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 48, 86) }
```

Border

The CSS property to change the border of an element to YUV 114.2250, -13.9149, 123.4597 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, 48, 86) }
```


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

```
.border{ border-color:rgb(255, 48, 86) }
```

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

Here you see how a box with a 4 pixel rgb(255, 48, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 48, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 48, 86);  
box-shadow:4px 4px 4px 4px rgb(255, 48,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 114.2250, -13.9149, 123.4597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 48, 86) }
```

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

```
.background{ background-color: rgb(255, 48,  
86) }
```

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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