

Converting Colors

YUV(114.5270, -8.6408,
111.7938)

Have a look what the booklet for
YUV(114.5270, -8.6408, 111.7938)
contains.

YUV(114.5270, -8.6408, 111.7938)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(114.5270, -8.6408,
111.7938)**

Conversions

Conversions Part 1

Format	Color
Hex	F23561
RGB	242, 53, 97
RGB Percent	95%, 21%, 38%
CMY	0.0510, 0.7922, 0.6196
CMYK	0.00, 0.78, 0.60, 0.05
HSL	346°, 88%, 58%
HSV	346°, 78%, 95%
XYZ	40.0487, 22.2865, 13.5002
YIQ	114.5270, 98.5200, 53.7520

Conversions

Conversions Part 2

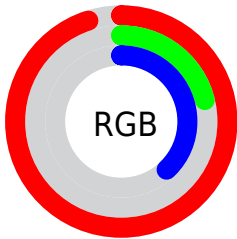
Format	Color
R_{YB}	242, 53, 97
Decimal	15873377
CIE _{Lab}	54.33, 71.70, 21.53
CIE _{LCh}	54, 74.864, 16.713
Yxy	22.2865, 0.5281, 0.2939
Android (android.graphics.Color)	4294063457 (0xFFFF23561)
YUV	114.5270, -8.6408, 111.7938
Hunter-Lab	47.2086, 68.8128, 16.0909

Details

The YUV color **114.5270, -8.6408, 111.7938** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **180.4730, 8.6408, -111.7938**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.6820, -7.2382, 81.8399**, and **59.3350, -4.1092, 104.9462** is the 20% darker color. If you saturate the color by 10%, you get **98.2730, -9.9946, 126.0486**, and if you desaturate by 10%, it is **130.7810, -7.2870, 97.5391**.

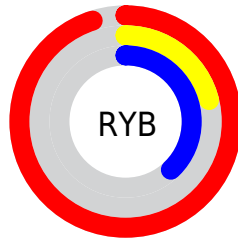
Distribution



Red (95%)

Green (21%)

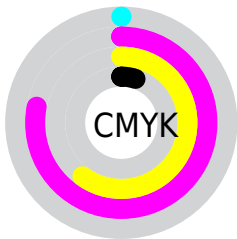
Blue (38%)



Red (95%)

Yellow (21%)

Blue (38%)

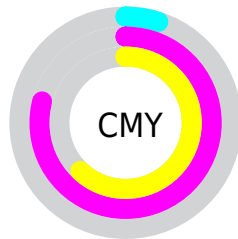


Cyan (0%)

Magenta (78%)

Yellow (60%)

Black (5%)



Cyan (5%)

Magenta (79%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.5270, -8.6408, 111.7938 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 114.5270, -8.6408, 111.7938 by changing the saturation by 10% instead.


 114.5270, -8.6408,
111.7938


 114.5270, -8.6408,
111.7938


255.0000, 0.0000,
0.0000

 71.1120, 0.9308,
121.8048


 161.6820, -7.2382,
81.8399

 59.3350, -4.1092,
104.9462


 181.7830, -3.8370,
64.2113

 47.4870, -8.1281,
87.2729

 202.4710, -0.7252,
46.0679

 35.4820, -14.0416,
70.6143

 223.2730, 2.8234,
27.8246

 25.9420, -11.8034,
52.6709

 243.8470, 5.4984,
9.7812

 16.6730, -7.2338,
33.6128

 3.2890, -1.6215,

6.7625

■ 0.0000, 0.0000,
0.0000

■ 114.5270, -8.6408,
111.7938

■ 114.5270, -8.6408,
111.7938

■ 98.2730, -9.9946,
126.0486

■ 130.7810, -7.2870,
97.5391

■ 82.1330, -10.9116,
140.2034

■ 146.9210, -6.3701,
83.3843

■ 78.7420, -11.2118,
143.1773

■ 163.7620, -5.3057,
68.6147

■ 179.9020, -4.3887,
54.4599

■ 196.1560, -3.0349,
40.2052

212.2960, -2.1179,
26.0504

228.5500, -0.7642,
11.7956

245.3910, 0.3002,
-2.9739

251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



120.3980, 20.5098, 95.2440



114.5270, -8.6408, 111.7938



120.4480, -42.6189, 89.9381

Triad

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



114.5270, -8.6408, 111.7938



99.9840, -36.4741, -61.3760



114.7720, 69.1324, -100.6550

Complementary

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



114.5270, -8.6408, 111.7938



180.4730, 8.6408, -111.7938

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.



117.1080, 52.6978, -102.7037



114.5270, -8.6408, 111.7938



102.7440, -2.3388, -90.1065

Square

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



114.5270, -8.6408, 111.7938



117.7830, -58.0670, 4.5753



111.5560, 26.3479, -97.8346



111.4150, 70.7874, -71.4010

Rectangle

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



114.5270, -8.6408, 111.7938



121.7120, -60.0040, 66.0276



111.5560, 26.3479, -97.8346



116.4360, 65.3541, -102.1144

Sweetspot

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



114.5270, -8.6408, 111.7938



215.2370, -2.5818, 34.8722



117.9010, 61.1808, 70.2468



103.6760, -1.8123, 21.3321



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.



114.5270, -8.6408, 111.7938



93.1440, -10.9170, 141.9477



138.8610, -42.3295, 90.4529



111.9300, -0.4585, 7.0774



59.9180, -8.3406, 108.8199



18.2260, -2.5764, 33.1278

Inverse Universe

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



114.5270, -8.6408, 111.7938



93.1440, -10.9170, 141.9477



156.1390, 42.3295, -90.4529



111.9300, -0.4585, 7.0774



59.9180, -8.3406, 108.8199



18.2260, -2.5764, 33.1278

Previews

White Background



This preview shows how the YUV color 114.5270, -8.6408, 111.7938 looks on a white background.

Color Contrast Check

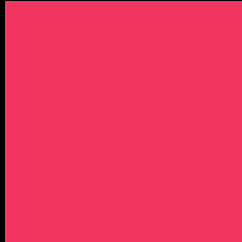
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.5270, -8.6408, 111.7938 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 114.5270, -8.6408, 111.7938

Background



This preview shows how black text looks on a background with the YUV color 114.5270, -8.6408, 111.7938.

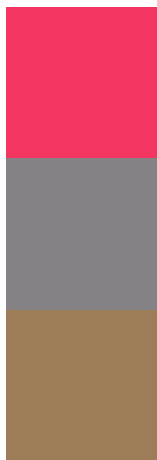


This preview shows how white text looks on a background with the YUV color 114.5270, -8.6408,

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

114.5270, -8.6408, 111.7938

Protanopia

130.8260, 0.5788, 1.0296

Deuteranopia

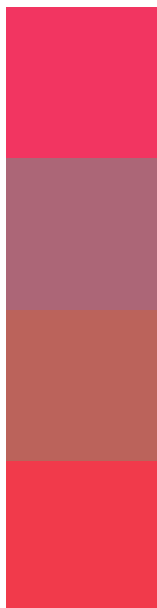
130.0510, -20.7311, 22.7573



Tritanopia

115.0480, -25.6597, 110.4599

Trichromacy



Original Color

114.5270, -8.6408, 111.7938

Protanomaly

124.8680, -2.8929, 41.3348

Deuteranomaly

124.4000, -16.4662, 54.9002

Tritanomaly

114.6550, -19.5499, 110.8046

Monochromacy



Original Color

114.5270, -8.6408, 111.7938

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.4550, -3.1823, 40.8200

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.5270, -8.6408, 111.7938 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(242, 53, 97)` looks like.

```
.text, #text, p{  
    color:rgb(242, 53, 97)  
}
```

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(242, 53, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 53, 97) }
```

Border

The CSS property to change the border of an element to YUV 114.5270, -8.6408, 111.7938 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(242, 53, 97) }
```


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

```
.border{ border-color:rgb(242, 53, 97) }
```

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

Here you see how a box with a 4 pixel rgb(242, 53, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 53, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 53, 97);  
box-shadow:4px 4px 4px 4px rgb(242, 53,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 114.5270, -8.6408, 111.7938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 53, 97) }
```

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

```
.background{ background-color: rgb(242, 53,  
97) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor