

Converting Colors

XYZ(55.7658, 34.2325, 20.0548)

Have a look what the booklet for
XYZ(55.7658, 34.2325, 20.0548)
contains.

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Color

**XYZ(48.3067, 30.3497,
19.8350)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5D74
RGB	255, 93, 116
RGB Percent	100%, 36%, 45%
CMY	0.0000, 0.6353, 0.5451
CMYK	0.00, 0.64, 0.55, 0.00
HSL	351°, 100%, 68%
HSV	351°, 64%, 100%
XYZ	48.3067, 30.3497, 19.8350
YIQ	144.0600, 89.1690, 41.4970

Conversions

Conversions Part 2

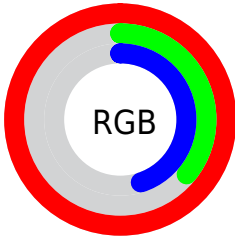
Format	Color
R _Y B	255, 93, 116
Decimal	16735604
CIE Lab	61.95, 63.01, 21.03
CIE LCh	62, 66.423, 18.457
Yxy	30.3497, 0.4905, 0.3081
Android (android.graphics.Color)	4294925684 (0xFFFF5D74)
YUV	144.0600, -13.8336, 97.2944
Hunter-Lab	55.0906, 60.1110, 17.2164

Details

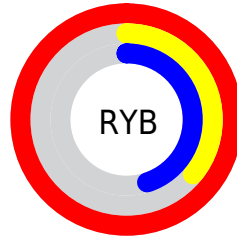
The XYZ color **48.3067, 30.3497, 19.8350** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted rose. A complement of this color would be **54.8419, 79.6740, 88.8390**, and the grayscale version is **26.5637, 27.9471, 30.4344**.

A 20% lighter version of the original color is **59.2142, 45.8998, 42.7844**, and **23.1735, 12.4077, 6.6424** is the 20% darker color. If you saturate the color by 10%, you get **45.3032, 26.1455, 13.2767**, and if you desaturate by 10%, it is **52.3573, 36.1688, 28.2215**.

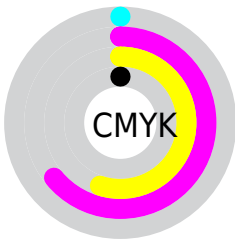
Distribution



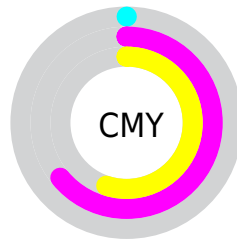
- Red (100%)
- Green (36%)
- Blue (45%)



- Red (100%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (64%)
- Yellow (55%)
- Black (0%)





- Cyan (0%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.3067, 30.3497, 19.8350 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 XYZ color 48.3067, 30.3497, 19.8350 by changing the saturation by 10% instead.


 48.3067, 30.3497,
19.8350


 48.3067, 30.3497,
19.8350


370.5689,
303.5311, 263.5951


 34.2821, 20.1042,
12.0923


 86.8678, 60.2148,
43.9957


 23.2743, 12.4708,
6.6832


 112.1350, 80.6031,
61.2508

 14.9180, 7.0652,
3.1894


 141.8805,
105.1412, 82.5137

 8.8478, 3.5029,
1.1921

 176.4695,
134.2133, 108.2030

 4.6983, 1.3996,
0.0000

216.2676,
168.2040, 138.7373

 2.1043, 0.2164,
0.0000

261.6399,

 0.6916, 0.0000,

207.4976, 174.5350

0.0000

312.9519,
252.4785, 216.0148

■ 0.0000, 0.0000,
0.0000

■ 48.3067, 30.3497,
19.8350

■ 48.3067, 30.3497,
19.8350

■ 45.3032, 26.1455,
13.2767

■ 52.3573, 36.1688,
28.2215

■ 43.2456, 23.3876,
8.4068

■ 57.5390, 43.7393,
38.5587

■ 42.0162, 21.8792,
5.0669

■ 63.9295, 53.1887,
50.9599

■ 41.5611, 21.3884,
3.6222

■ 71.5992, 64.6315,
65.5294

■ 80.6130, 78.1729,
82.3643

91.0313, 93.9106,
101.5559

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



49.0636, 30.3497, 43.8511



48.3067, 30.3497, 19.8350



41.7440, 30.3497, 8.2674

Triad

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



48.3067, 30.3497, 19.8350



17.8435, 30.3497, 10.0395



25.5569, 30.3497, 108.0431

Complementary

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



48.3067, 30.3497, 19.8350



54.8419, 79.6740, 88.8390

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.



18.9236, 30.3497, 84.9513



48.3067, 30.3497, 19.8350



15.1221, 30.3497, 24.1793

Square

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



48.3067, 30.3497, 19.8350



23.7624, 30.3497, 4.9538



15.4719, 30.3497, 51.1100



34.6085, 30.3497, 104.7094

Rectangle

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



48.3067, 30.3497, 19.8350



35.5953, 30.3497, 5.2128



15.4719, 30.3497, 51.1100



23.0096, 30.3497, 102.7745

Sweetspot

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



48.3075, 30.3514, 19.8355



75.5084, 70.4937, 72.8617



54.8237, 31.9897, 97.8923



15.6262, 14.2847, 14.5918



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.3075, 30.3514, 19.8355



44.7102, 25.3352, 11.9200



54.0756, 43.7695, 15.9566



18.1144, 18.0291, 19.2194



21.7483, 11.1886, 2.0590



2.1477, 1.1015, 0.3592

Inverse Universe

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



48.3075, 30.3514, 19.8355



44.7102, 25.3352, 11.9200



42.8286, 50.0746, 102.0152



18.1144, 18.0291, 19.2194



21.7483, 11.1886, 2.0590



2.1477, 1.1015, 0.3592

Previews

White Background



This preview shows how the XYZ color 48.3067, 30.3497, 19.8350 looks on a white background.

Color Contrast Check

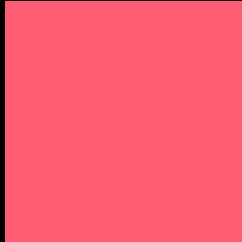
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 48.3067, 30.3497, 19.8350 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.3067, 30.3497, 19.8350

Background



This preview shows how black text looks on a background with the XYZ color 48.3067, 30.3497, 19.8350.



This preview shows how white text looks on a background with the XYZ color 48.3067, 30.3497,

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

48.3067, 30.3497, 19.8350

Protanopia

29.0318, 30.3481, 30.3142

Deuteranopia

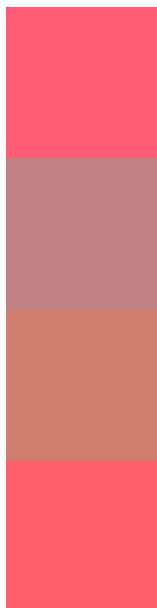
31.0401, 30.4942, 18.4373



Tritanopia

47.4049, 30.3762, 15.6766

Trichromacy



Original Color

48.3067, 30.3497, 19.8350

Protanomaly

33.5698, 28.4703, 25.9163

Deuteranomaly

35.6565, 28.9367, 18.7450

Tritanomaly

47.5668, 30.2959, 16.9763

Monochromacy



Original Color

48.3067, 30.3497, 19.8350

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

31.4039, 26.5788, 26.0293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3067, 30.3497, 19.8350 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, 93, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 93, 116)  
}
```

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, 93, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 93, 116) }
```

Border

The CSS property to change the border of an element to XYZ 48.3067, 30.3497, 19.8350 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, 93, 116) }
```


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

```
.border{ border-color:rgb(255, 93, 116) }
```

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

Here you see how a box with a 4 pixel rgb(255, 93, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 93, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 93, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 93,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3067, 30.3497, 19.8350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 93, 116) }
```

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

```
.background{ background-color: rgb(255, 93,  
116) }
```

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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