

Converting Colors

XYZ(47.8180, 29.9525, 17.8829)

Have a look what the booklet for
XYZ(47.8180, 29.9525, 17.8829)
contains.

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Color

**XYZ(47.8816, 30.0401,
18.0265)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5C6E
RGB	255, 92, 110
RGB Percent	100%, 36%, 43%
CMY	0.0000, 0.6392, 0.5686
CMYK	0.00, 0.64, 0.57, 0.00
HSL	353°, 100%, 68%
HSV	353°, 64%, 100%
XYZ	47.8816, 30.0401, 18.0265
YIQ	142.7890, 91.3700, 40.1540

Conversions

Conversions Part 2

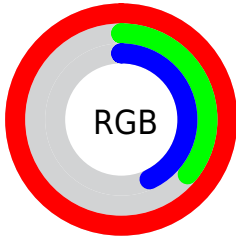
Format	Color
R _Y B	255, 92, 110
Decimal	16735342
CIE Lab	61.69, 62.98, 24.13
CIE LCh	62, 67.442, 20.961
Yxy	30.0401, 0.4990, 0.3131
Android (android.graphics.Color)	4294925422 (0xFFFF5C6E)
YUV	142.7890, -16.1650, 98.4090
Hunter-Lab	54.8088, 60.0240, 18.8659

Details

The XYZ color **47.8816, 30.0401, 18.0265** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **55.4619, 79.9104, 92.6289**, and the grayscale version is **26.0626, 27.4199, 29.8603**.

A 20% lighter version of the original color is **58.4205, 45.3281, 39.3883**, and **23.0048, 12.3041, 5.8651** is the 20% darker color. If you saturate the color by 10%, you get **44.9512, 25.9095, 11.7164**, and if you desaturate by 10%, it is **51.8727, 35.7865, 26.2502**.

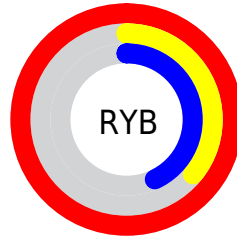
Distribution



Red (100%)

Green (36%)

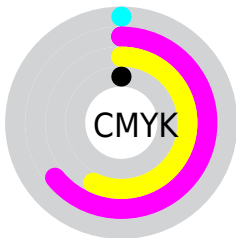
Blue (43%)



Red (100%)

Yellow (36%)

Blue (43%)

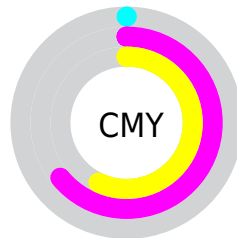


Cyan (0%)

Magenta (64%)

Yellow (57%)

Black (0%)



Cyan (0%)


Magenta (64%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.8816, 30.0401, 18.0265 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 47.8816, 30.0401, 18.0265 by changing the saturation by 10% instead.


 47.8816, 30.0401,
18.0265


 47.8816, 30.0401,
18.0265


368.9130,
302.0913, 253.2615

 33.9440, 19.8690,
10.7994


 86.2389, 59.7256,
40.8970


 23.0133, 12.2999,
5.8196


 111.3892, 80.0088,
57.3775

 14.7240, 6.9482,
2.6687


 141.0079,
104.4315, 77.7795

 8.7110, 3.4298,
0.9276

 175.4602,
133.3781, 102.5216

 4.6088, 1.3600,
0.0000

215.1115,
167.2330, 132.0223

 2.0520, 0.1870,
0.0000

260.3272,

 0.6629, 0.0000,

206.3806, 166.7002

0.0000

311.4726,
251.2052, 206.9737

■ 0.0000, 0.0000,
0.0000

■ 47.8816, 30.0401,
18.0265

■ 47.8816, 30.0401,
18.0265

■ 44.9512, 25.9095,
11.7164

■ 51.8727, 35.7865,
26.2502

■ 42.9765, 23.2239,
7.1625

■ 57.0114, 43.2870,
36.5245

■ 41.8348, 21.7829,
4.1849

■ 63.3784, 52.6706,
48.9753

■ 41.4511, 21.3444,
3.0430

■ 71.0461, 64.0529,
63.7182

■ 80.0816, 77.5403,
80.8605

90.5471, 93.2315,
100.5026

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.



49.2026, 30.0401, 41.1006



47.8816, 30.0401, 18.0265



40.8545, 30.0401, 7.3849

Triad

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



47.8816, 30.0401, 18.0265



17.1396, 30.0401, 10.4155



25.9268, 30.0401, 109.7852

Complementary

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



47.8816, 30.0401, 18.0265



55.4619, 79.9104, 92.6289

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.



19.0066, 30.0401, 88.0476



47.8816, 30.0401, 18.0265



14.6791, 30.0401, 25.5444

Square

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



47.8816, 30.0401, 18.0265



22.8148, 30.0401, 4.8646



15.2824, 30.0401, 53.7577



35.1789, 30.0401, 103.9380

Rectangle

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



47.8816, 30.0401, 18.0265



34.5575, 30.0401, 4.7071



15.2824, 30.0401, 53.7577



23.2863, 30.0401, 105.1682

Sweetspot

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



47.8823, 30.0418, 18.0270



75.3147, 70.4162, 71.8419



56.4647, 32.7062, 97.9441



15.5803, 14.2663, 14.3505



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.



47.8823, 30.0418, 18.0270



44.2459, 24.9360, 10.1332



54.8086, 45.3059, 15.9838



18.0909, 18.0197, 19.0957



21.6852, 11.1634, 1.7266



2.1367, 1.0970, 0.3012

Inverse Universe

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



47.8823, 30.0418, 18.0270



44.2459, 24.9360, 10.1332



41.4287, 47.4240, 101.5775



18.0909, 18.0197, 19.0957



21.6852, 11.1634, 1.7266



2.1367, 1.0970, 0.3012

Previews

White Background



This preview shows how the XYZ color 47.8816, 30.0401, 18.0265 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 XYZ color 47.8816, 30.0401, 18.0265 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 47.8816, 30.0401, 18.0265

Background



This preview shows how black text looks on a background with the XYZ color 47.8816, 30.0401, 18.0265.



This preview shows how white text looks on a background with the XYZ color 47.8816, 30.0401,

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

47.8816, 30.0401, 18.0265

Protanopia

28.7089, 30.2410, 27.6165

Deuteranopia

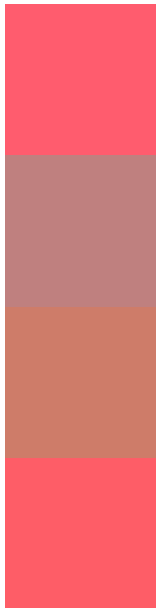
30.5808, 30.0692, 16.7625



Tritanopia

47.1279, 29.9771, 15.1066

Trichromacy



Original Color

47.8816, 30.0401, 18.0265

Protanomaly

33.0358, 28.0470, 23.7511

Deuteranomaly

35.2111, 28.5570, 17.0208

Tritanomaly

47.2356, 29.8788, 16.1096

Monochromacy



Original Color

47.8816, 30.0401, 18.0265

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

31.0716, 26.2443, 24.9007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8816, 30.0401, 18.0265 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, 92, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 110)  
}
```

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, 92, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 110) }
```

Border

The CSS property to change the border of an element to XYZ 47.8816, 30.0401, 18.0265 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, 92, 110) }
```


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

```
.border{ border-color:rgb(255, 92, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 92, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8816, 30.0401, 18.0265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 110) }
```

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

```
.background{ background-color: rgb(255, 92,  
110) }
```

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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