

Converting Colors

XYZ(58.9506, 35.4837, 15.6138)

Have a look what the booklet for
XYZ(58.9506, 35.4837, 15.6138)
contains.

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Color

**XYZ(47.0645, 29.3056,
14.9804)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5963
RGB	255, 89, 99
RGB Percent	100%, 35%, 39%
CMY	0.0000, 0.6509, 0.6118
CMYK	0.00, 0.65, 0.61, 0.00
HSL	356°, 100%, 67%
HSV	356°, 65%, 100%
XYZ	47.0645, 29.3056, 14.9804
YIQ	139.7740, 95.7260, 38.3020

Conversions

Conversions Part 2

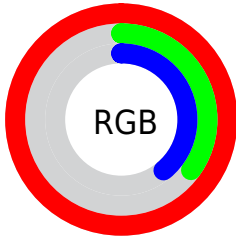
Format	Color
R_YB	255, 89, 99
Decimal	16734563
CIE Lab	61.05, 63.45, 29.60
CIE LCh	61, 70.018, 25.006
Yxy	29.3056, 0.5152, 0.3208
Android (android.graphics.Color)	4294924643 (0xFFFF5963)
YUV	139.7740, -20.1016, 101.0532
Hunter-Lab	54.1346, 60.4517, 21.4872

Details

The XYZ color **47.0645, 29.3056, 14.9804** 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 **56.3634, 80.2371, 98.9100**, and the grayscale version is **24.8905, 26.1867, 28.5174**.

A 20% lighter version of the original color is **57.0239, 44.0198, 34.3453**, and **22.6310, 11.9638, 4.4846** is the 20% darker color. If you saturate the color by 10%, you get **44.3169, 25.3802, 9.2261**, and if you desaturate by 10%, it is **50.8879, 34.8392, 22.7703**.

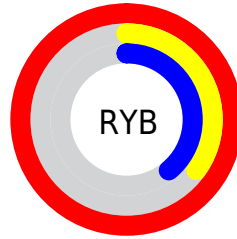
Distribution



Red (100%)

Green (35%)

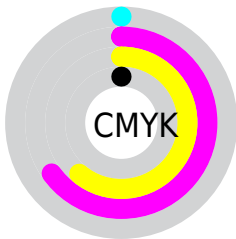
Blue (39%)



Red (100%)

Yellow (35%)

Blue (39%)

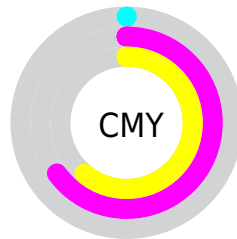


Cyan (0%)

Magenta (65%)

Yellow (61%)

Black (0%)



Cyan (0%)

Magenta (65%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0645, 29.3056, 14.9804 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 47.0645, 29.3056, 14.9804 by changing the saturation by 10% instead.


 47.0645, 29.3056,
14.9804


 47.0645, 29.3056,
14.9804

365.7165,
298.6541, 234.8842

 33.2948, 19.3121,
8.6592


 85.0280, 58.5623,
35.5606


 22.5127, 11.8960,
4.4258


 109.9526, 78.5943,
50.6567

 14.3528, 6.6729,
1.8617


 139.3262,
102.7412, 69.5147

 8.4498, 3.2584,
0.4682

 173.5141,
131.3875, 92.5534

 4.4383, 1.2681,
0.0000

212.8818,
164.9176, 120.1911

 1.9530, 0.1163,
0.0000

257.7945,

 0.6073, 0.0000,

203.7157, 152.8464

0.0000

308.6176,
248.1665, 190.9380

■ 0.0000, 0.0000,
0.0000

■ 47.0645, 29.3056,
14.9804

■ 47.0645, 29.3056,
14.9804

■ 44.3169, 25.3802,
9.2261

■ 50.8879, 34.8392,
22.7703

■ 42.5323, 22.8864,
5.3160

■ 55.8804, 42.1235,
32.7609

■ 41.5766, 21.6150,
3.0241

■ 62.1280, 51.2910,
45.1020

■ 41.3285, 21.2954,
2.3972

■ 69.7075, 62.4599,
59.9297

■ 78.6900, 75.7388,
77.3700

89.1412, 91.2287,
97.5401

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.



49.3481, 29.3056, 36.5060



47.0645, 29.3056, 14.9804



39.2282, 29.3056, 5.8543

Triad

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



47.0645, 29.3056, 14.9804



15.7712, 29.3056, 10.8387



26.3483, 29.3056, 113.1804

Complementary

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



47.0645, 29.3056, 14.9804



56.3634, 80.2371, 98.9100

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.



18.9231, 29.3056, 93.6553



47.0645, 29.3056, 14.9804



13.7319, 29.3056, 27.7148

Square

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



47.0645, 29.3056, 14.9804



21.0512, 29.3056, 4.5475



14.7446, 29.3056, 58.3402



35.9842, 29.3056, 102.9515

Rectangle

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



47.0645, 29.3056, 14.9804



32.6652, 29.3056, 3.7744



14.7446, 29.3056, 58.3402



23.5402, 29.3056, 109.6674

Sweetspot

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



47.0652, 29.3073, 14.9809



74.1039, 68.9541, 68.4798



58.9083, 33.5877, 97.9855



15.3323, 13.9774, 13.6295



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.



47.0652, 29.3073, 14.9809



43.7046, 24.5163, 7.9089



55.7776, 47.4498, 15.6724



18.0537, 18.0048, 18.8999



21.6122, 11.1342, 1.3424



2.1192, 1.0900, 0.2089

Inverse Universe

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



47.0652, 29.3073, 14.9809



43.7046, 24.5163, 7.9089



39.1188, 43.2406, 100.8917



18.0537, 18.0048, 18.8999



21.6122, 11.1342, 1.3424



2.1192, 1.0900, 0.2089

Previews

White Background



This preview shows how the XYZ color 47.0645, 29.3056, 14.9804 looks on a white background.

Color Contrast Check

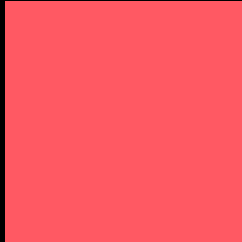
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.0645, 29.3056, 14.9804 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](#).

XYZ 47.0645, 29.3056, 14.9804

Background



This preview shows how black text looks on a background with the XYZ color 47.0645, 29.3056, 14.9804.



This preview shows how white text looks on a background with the XYZ color 47.0645, 29.3056,

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

47.0645, 29.3056, 14.9804

Protanopia

27.7821, 29.3906, 23.2775

Deuteranopia

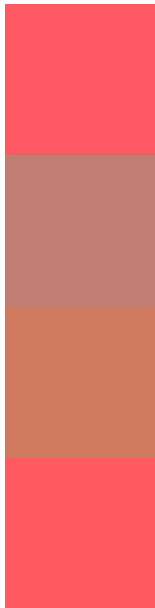
30.0036, 29.3888, 13.9888



Tritanopia

46.9617, 29.3986, 14.0258

Trichromacy



Original Color

47.0645, 29.3056, 14.9804

Protanomaly

32.2936, 27.3660, 19.7998

Deuteranomaly

34.7120, 27.9926, 14.1633

Tritanomaly

47.0075, 29.4169, 14.2668

Monochromacy



Original Color

47.0645, 29.3056, 14.9804

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

29.8304, 25.1005, 22.6747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0645, 29.3056, 14.9804 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, 89, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 99)  
}
```

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, 89, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 99) }
```

Border

The CSS property to change the border of an element to XYZ 47.0645, 29.3056, 14.9804 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, 89, 99) }
```


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

```
.border{ border-color:rgb(255, 89, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 89, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0645, 29.3056, 14.9804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 89, 99) }
```

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

```
.background{ background-color: rgb(255, 89,  
99) }
```

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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