

Converting Colors

XYZ(47.5727, 29.5089, 17.6564)

Have a look what the booklet for
XYZ(47.5727, 29.5089, 17.6564)
contains.

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Color

**XYZ(47.5727, 29.5089,
17.6564)**

Conversions

Conversions Part 1

Format	Color
Hex	FF596D
RGB	255, 89, 109
RGB Percent	100%, 35%, 43%
CMY	0.0000, 0.6509, 0.5725
CMYK	0.00, 0.65, 0.57, 0.00
HSL	353°, 100%, 67%
HSV	353°, 65%, 100%
XYZ	47.5727, 29.5089, 17.6564
YIQ	140.9140, 92.5160, 41.4120

Conversions

Conversions Part 2

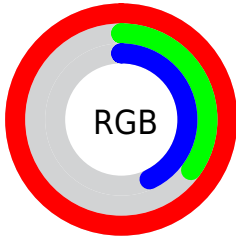
Format	Color
RYB	255, 89, 109
Decimal	16734573
CIELab	61.23, 64.11, 24.09
CIElCh	61, 68.484, 20.594
Yxy	29.5089, 0.5022, 0.3115
Android (android.graphics.Color)	4294924653 (0xFFFF596D)
YUV	140.9140, -15.7336, 100.0534
Hunter-Lab	54.3221, 61.2581, 18.7543

Details

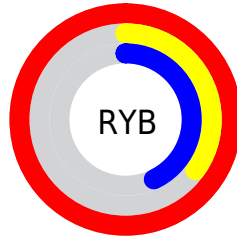
The XYZ color **47.5727, 29.5089, 17.6564** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **54.8774, 79.6427, 91.0847**, and the grayscale version is **25.3195, 26.6381, 29.0089**.

A 20% lighter version of the original color is **58.0189, 44.6655, 38.8211**, and **22.8406, 12.0200, 5.6737** is the 20% darker color. If you saturate the color by 10%, you get **44.7486, 25.5529, 11.4990**, and if you desaturate by 10%, it is **51.4408, 35.0604, 25.6818**.

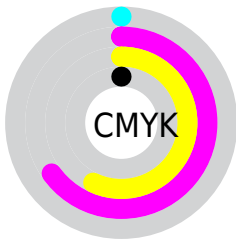
Distribution



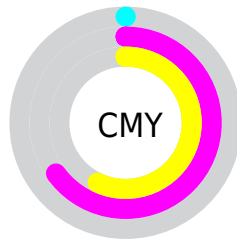
- Red (100%)
- Green (35%)
- Blue (43%)



- Red (100%)
- Yellow (35%)
- Blue (43%)



- Cyan (0%)
- Magenta (65%)
- Yellow (57%)
- Black (0%)




- Cyan (0%)
- Magenta (65%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5727, 29.5089, 17.6564 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 47.5727, 29.5089, 17.6564 by changing the saturation by 10% instead.


 47.5727, 29.5089,
17.6564


 47.5727, 29.5089,
17.6564


367.7067,
299.6086, 251.0979


 33.6985, 19.4661,
10.5367


 85.7814, 58.8847,
40.2570


 22.8238, 12.0076,
5.6460


 110.8466, 78.9864,
56.5749

 14.5835, 6.7488,
2.5658


 140.3728,
103.2100, 76.7960

 8.6120, 3.3055,
0.8747

 174.7254,
131.9398, 101.3388

 4.5440, 1.2932,
0.0000

214.2697,
165.5601, 130.6219

 2.0143, 0.1360,
0.0000

259.3712,

 0.6420, 0.0000,

204.4554, 165.0637

0.0000

310.3951,
249.0101, 205.0829

■ 0.0000, 0.0000,
0.0000

■ 47.5727, 29.5089,
17.6564

■ 47.5727, 29.5089,
17.6564

■ 44.7486, 25.5529,
11.4990

■ 51.4408, 35.0604,
25.6818

■ 42.8627, 23.0186,
7.0557

■ 56.4404, 42.3475,
35.7093

■ 41.7904, 21.7005,
4.1497

■ 62.6522, 51.5007,
47.8621

■ 41.4833, 21.3573,
3.2123

■ 70.1488, 62.6364,
62.2533

■ 78.9972, 75.8618,
78.9875

89.2596, 91.2761,
98.1632

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.



48.8259, 29.5089, 40.9322



47.5727, 29.5089, 17.6564



40.5338, 29.5089, 7.0306

Triad

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



47.5727, 29.5089, 17.6564



16.6855, 29.5089, 9.8159



25.3124, 29.5089, 110.0549

Complementary

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



47.5727, 29.5089, 17.6564



54.8774, 79.6427, 91.0847

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.



18.4311, 29.5089, 87.6759



47.5727, 29.5089, 17.6564



14.2012, 29.5089, 24.6901

Square

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



47.5727, 29.5089, 17.6564



22.3884, 29.5089, 4.4798



14.7633, 29.5089, 52.9136



34.5876, 29.5089, 104.4676

Rectangle

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



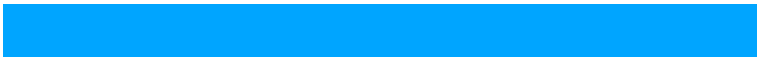
47.5727, 29.5089, 17.6564



34.2010, 29.5089, 4.3859



14.7633, 29.5089, 52.9136



22.6800, 29.5089, 105.2415

Sweetspot

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



47.5734, 29.5106, 17.6569



74.4834, 69.1060, 70.4786



55.1842, 31.6679, 97.8113



15.4212, 14.0129, 14.0976



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.



47.5734, 29.5106, 17.6569



44.1090, 24.6780, 10.0383



53.9295, 43.7536, 15.0564



18.0983, 18.0226, 19.1350



21.7038, 11.1708, 1.8246



2.1402, 1.0985, 0.3197

Inverse Universe

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



47.5734, 29.5106, 17.6569



44.1090, 24.6780, 10.0383



41.4930, 47.9889, 101.6832



18.0983, 18.0226, 19.1350



21.7038, 11.1708, 1.8246



2.1402, 1.0985, 0.3197

Previews

White Background



This preview shows how the XYZ color 47.5727, 29.5089, 17.6564 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 47.5727, 29.5089, 17.6564 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 47.5727, 29.5089, 17.6564

Background



This preview shows how black text looks on a background with the XYZ color 47.5727, 29.5089, 17.6564.



This preview shows how white text looks on a background with the XYZ color 47.5727, 29.5089,

17.6564.

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

47.5727, 29.5089, 17.6564

Protanopia

28.3603, 29.8274, 27.5551

Deuteranopia

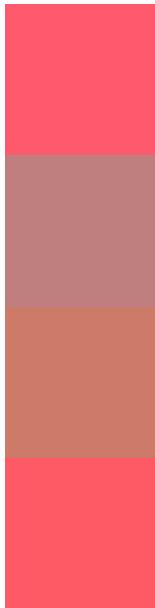
30.1534, 29.6327, 16.4423



Tritanopia

46.7718, 29.4161, 14.5220

Trichromacy



Original Color

47.5727, 29.5089, 17.6564

Protanomaly

32.8411, 27.7615, 23.3662

Deuteranomaly

34.7585, 28.1445, 16.6972

Tritanomaly

46.8782, 29.3227, 15.5010

Monochromacy



Original Color

47.5727, 29.5089, 17.6564

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

30.2134, 25.4491, 24.0886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5727, 29.5089, 17.6564 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, 109)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 109)  
}
```

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, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 109) }
```

Border

The CSS property to change the border of an element to XYZ 47.5727, 29.5089, 17.6564 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, 109) }
```


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

```
.border{ border-color:rgb(255, 89, 109) }
```

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, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 109);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5727, 29.5089, 17.6564 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, 109) }
```

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

```
.background{ background-color: rgb(255, 89,  
109) }
```

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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