

Converting Colors

XYZ(47.9201, 29.7082, 19.4794)

Have a look what the booklet for
XYZ(47.9201, 29.7082, 19.4794)
contains.

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Color

**XYZ(47.9069, 29.6426,
19.4163)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF5973 |
| RGB | 255, 89, 115 |
| RGB Percent | 100%, 35%, 45% |
| CMY | 0.0000, 0.6509, 0.5490 |
| CMYK | 0.00, 0.65, 0.55, 0.00 |
| HSL | 351°, 100%, 67% |
| HSV | 351°, 65%, 100% |
| XYZ | 47.9069, 29.6426, 19.4163 |
| YIQ | 141.5980, 90.5900, 43.2780 |

Conversions

Conversions Part 2

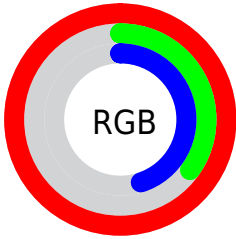
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 89, 115 |
| Decimal | 16734579 |
| CIE Lab | 61.34, 64.53, 20.78 |
| CIE LCh | 61, 67.796, 17.849 |
| Yxy | 29.6426, 0.4941, 0.3057 |
| Android (android.graphics.Color) | 4294924659 (0xFFFF5973) |
| YUV | 141.5980, -13.1128, 99.4536 |
| Hunter-Lab | 54.4450, 61.7858, 16.9674 |

Details

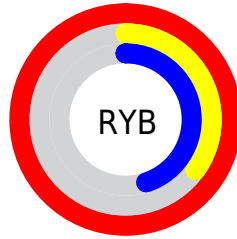
The XYZ color **47.9069, 29.6426, 19.4163** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted rose. A complement of this color would be **54.0249, 79.3017, 86.5950**, and the grayscale version is **25.5790, 26.9111, 29.3062**.

A 20% lighter version of the original color is **58.6488, 44.9175, 42.1380**, and **22.9677, 12.0443, 6.4244** is the 20% darker color. If you saturate the color by 10%, you get **45.0435, 25.6708, 13.0518**, and if you desaturate by 10%, it is **51.7950, 35.2021, 27.5471**.

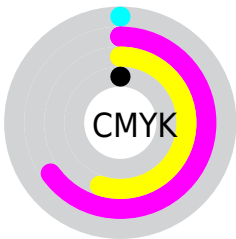
Distribution



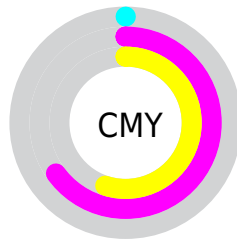
- Red (100%)
- Green (35%)
- Blue (45%)



- Red (100%)
- Yellow (35%)
- Blue (45%)



- Cyan (0%)
- Magenta (65%)
- Yellow (55%)
- Black (0%)





- Cyan (0%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9069, 29.6426, 19.4163 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 47.9069, 29.6426, 19.4163 by changing the saturation by 10% instead.


 47.9069, 29.6426,
19.4163


 47.9069, 29.6426,
19.4163

369.0117,
300.2350, 261.2363


 33.9641, 19.5675,
11.7916


 86.2763, 59.0965,
43.2824


 23.0288, 12.0810,
6.4811


 111.4336, 79.2441,
60.3609

 14.7356, 6.7989,
3.0663


 141.0598,
103.5179, 81.4278

 8.7191, 3.3366,
1.1286

 175.5203,
132.3024, 106.9015

 4.6141, 1.3099,
0.0000

215.1804,
165.9820, 137.2007

 2.0551, 0.1489,
0.0000

260.4054,

 0.6646, 0.0000,

204.9410, 172.7439

0.0000

311.5607,
249.5639, 213.9496

■ 0.0000, 0.0000,
0.0000

■ 47.9069, 29.6426,
19.4163

■ 47.9069, 29.6426,
19.4163

■ 45.0435, 25.6708,
13.0518

■ 51.7950, 35.2021,
27.5471

■ 43.1025, 23.1145,
8.3183

■ 56.7923, 42.4883,
37.5624

■ 41.9637, 21.7698,
5.0624

■ 62.9769, 51.6306,
49.5719

■ 41.6216, 21.4126,
3.9403

■ 70.4190, 62.7445,
63.6761

■ 79.1836, 75.9364,
79.9689

89.3309, 91.3047,
98.5385

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.



48.5397, 29.6426, 43.7855



47.9069, 29.6426, 19.4163



41.3551, 29.6426, 7.8076

Triad

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



47.9069, 29.6426, 19.4163



17.2559, 29.6426, 9.2296



24.7091, 29.6426, 108.2796

Complementary

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



47.9069, 29.6426, 19.4163



54.0249, 79.3017, 86.5950

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.



18.1421, 29.6426, 84.2553



47.9069, 29.6426, 19.4163



14.4902, 29.6426, 22.9835

Square

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



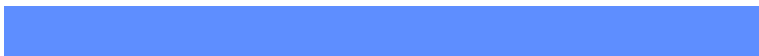
47.9069, 29.6426, 19.4163



23.2275, 29.6426, 4.4363



14.7759, 29.6426, 49.8377



33.7781, 29.6426, 105.4658

Rectangle

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



47.9069, 29.6426, 19.4163



35.1649, 29.6426, 4.7814



14.7759, 29.6426, 49.8377



22.1778, 29.6426, 102.7074

Sweetspot

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



47.9076, 29.6443, 19.4168



74.7147, 69.1985, 71.6965



53.4074, 30.7519, 97.7281



15.4755, 14.0346, 14.3835



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.



47.9076, 29.6443, 19.4168



44.3893, 24.7902, 11.5144



53.0683, 42.0311, 14.7694



18.1253, 18.0334, 19.2770



21.7824, 11.2023, 2.2388



2.1528, 1.1035, 0.3862

Inverse Universe

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



47.9076, 29.6443, 19.4168



44.3893, 24.7902, 11.5144



42.7487, 50.5001, 102.1017



18.1253, 18.0334, 19.2770



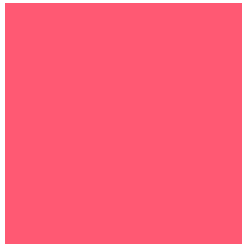
21.7824, 11.2023, 2.2388



2.1528, 1.1035, 0.3862

Previews

White Background



This preview shows how the XYZ color 47.9069, 29.6426, 19.4163 looks on a white background.

Color Contrast Check

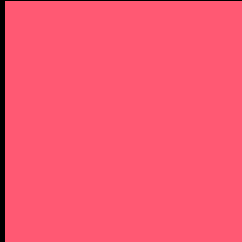
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.9069, 29.6426, 19.4163 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 47.9069, 29.6426, 19.4163

Background



This preview shows how black text looks on a background with the XYZ color 47.9069, 29.6426, 19.4163.



This preview shows how white text looks on a background with the XYZ color 47.9069, 29.6426,

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

47.9069, 29.6426, 19.4163

Protanopia

28.4967, 29.8384, 30.2440

Deuteranopia

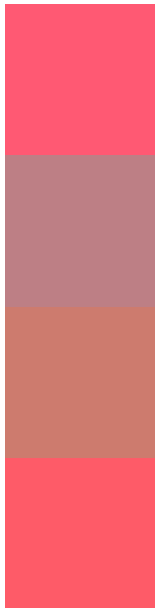
30.2313, 29.6376, 18.0372



Tritanopia

46.9048, 29.6070, 14.7978

Trichromacy



Original Color

47.9069, 29.6426, 19.4163

Protanomaly

32.8093, 27.6910, 25.8060

Deuteranomaly

35.0743, 28.2708, 18.3601

Tritanomaly

47.1128, 29.5525, 16.3178

Monochromacy



Original Color

47.9069, 29.6426, 19.4163

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

30.7763, 25.8991, 25.2067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9069, 29.6426, 19.4163 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 115) }
```

Border

The CSS property to change the border of an element to XYZ 47.9069, 29.6426, 19.4163 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, 115) }
```


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

```
.border{ border-color:rgb(255, 89, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9069, 29.6426, 19.4163 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, 115) }
```

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

```
.background{ background-color: rgb(255, 89,  
115) }
```

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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