

Converting Colors

XYZ(59.3084, 35.5655, 17.2082)

Have a look what the booklet for
XYZ(59.3084, 35.5655, 17.2082)
contains.

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Color

**XYZ(47.3622, 29.4247,
16.5479)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5969
RGB	255, 89, 105
RGB Percent	100%, 35%, 41%
CMY	0.0000, 0.6509, 0.5882
CMYK	0.00, 0.65, 0.59, 0.00
HSL	354°, 100%, 67%
HSV	354°, 65%, 100%
XYZ	47.3622, 29.4247, 16.5479
YIQ	140.4580, 93.8000, 40.1680

Conversions

Conversions Part 2

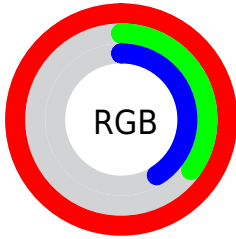
Format	Color
R_{YB}	255, 89, 105
Decimal	16734569
CIE _{Lab}	61.15, 63.84, 26.29
CIE _{LCh}	61, 69.041, 22.386
Yxy	29.4247, 0.5074, 0.3153
Android (android.graphics.Color)	4294924649 (0xFFFF5969)
YUV	140.4580, -17.4808, 100.4533
Hunter-Lab	54.2445, 60.9247, 19.8841

Details

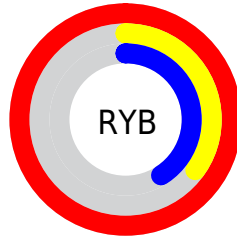
The XYZ color **47.3622, 29.4247, 16.5479** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **55.4620, 79.8766, 94.1631**, and the grayscale version is **25.1474, 26.4570, 28.8117**.

A 20% lighter version of the original color is **57.6745, 44.5277, 37.0074**, and **22.7348, 11.9777, 5.1167** is the 20% darker color. If you saturate the color by 10%, you get **44.5671, 25.4803, 10.5434**, and if you desaturate by 10%, it is **51.2141, 34.9697, 24.4879**.

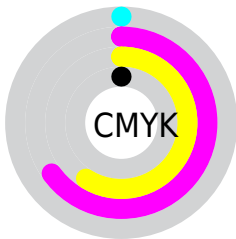
Distribution



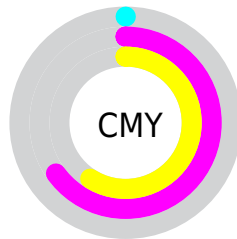
- Red (100%)
- Green (35%)
- Blue (41%)



- Red (100%)
- Yellow (35%)
- Blue (41%)



- Cyan (0%)
- Magenta (65%)
- Yellow (59%)
- Black (0%)





- Cyan (0%)
- Magenta (65%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3622, 29.4247, 16.5479 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 47.3622, 29.4247, 16.5479 by changing the saturation by 10% instead.


 47.3622, 29.4247,
16.5479

 47.3622, 29.4247,
16.5479


366.8832,
299.2136, 244.5085


 33.5312, 19.4023,
9.7541


 85.4695, 58.7512,
38.3267


 22.6949, 11.9614,
5.1328


 110.4765, 78.8241,
54.1489

 14.4878, 6.7174,
2.2653


 139.9396,
103.0159, 73.8176

 8.5447, 3.2860,
0.7117

 174.2241,
131.7112, 97.7515

 4.5001, 1.2828,
0.0000

213.6953,
165.2941, 126.3689

 1.9888, 0.1278,
0.0000

258.7187,

 0.6277, 0.0000,

204.1493, 160.0886

0.0000

309.6595,
248.6610, 199.3289

■ 0.0000, 0.0000,
0.0000

■ 47.3622, 29.4247,
16.5479

■ 47.3622, 29.4247,
16.5479

■ 44.5671, 25.4803,
10.5434

■ 51.2141, 34.9697,
24.4879

■ 42.7204, 22.9617,
6.3064

■ 56.2125, 42.2564,
34.5091

■ 41.6940, 21.6620,
3.6424

■ 62.4400, 51.4158,
46.7448

■ 41.4106, 21.3282,
2.8295

■ 69.9710, 62.5653,
61.3168

■ 78.8738, 75.8124,
78.3379

89.2122, 91.2572,
97.9137

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.



49.0282, 29.4247, 39.1128



47.3622, 29.4247, 16.5479



40.0021, 29.4247, 6.5424

Triad

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



47.3622, 29.4247, 16.5479



16.3142, 29.4247, 10.2183



25.7224, 29.4247, 111.2806

Complementary

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



47.3622, 29.4247, 16.5479



55.4620, 79.8766, 94.1631

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.



18.6265, 29.4247, 90.0265



47.3622, 29.4247, 16.5479



14.0115, 29.4247, 25.8732

Square

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



47.3622, 29.4247, 16.5479



21.8443, 29.4247, 4.5077



14.7555, 29.4247, 55.0397



35.1393, 29.4247, 103.8393

Rectangle

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



47.3622, 29.4247, 16.5479



33.5760, 29.4247, 4.1342



14.7555, 29.4247, 55.0397



23.0208, 29.4247, 106.9821

Sweetspot

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



47.3629, 29.4264, 16.5484



74.3307, 69.0449, 69.6745



57.0177, 32.6131, 97.8971



15.3854, 13.9986, 13.9091



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.



47.3629, 29.4264, 16.5484



43.9380, 24.6096, 9.1378



54.8325, 45.5595, 15.3574



18.0804, 18.0155, 19.0408



21.6615, 11.1539, 1.6018



2.1318, 1.0951, 0.2754

Inverse Universe

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



47.3629, 29.4264, 16.5484



43.9380, 24.6096, 9.1378



40.2833, 45.5694, 101.2799



18.0804, 18.0155, 19.0408



21.6615, 11.1539, 1.6018



2.1318, 1.0951, 0.2754

Previews

White Background



This preview shows how the XYZ color 47.3622, 29.4247, 16.5479 looks on a white background.

Color Contrast Check

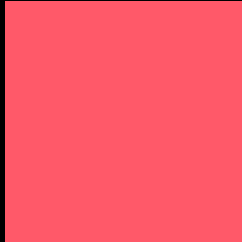
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.3622, 29.4247, 16.5479 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 47.3622, 29.4247, 16.5479

Background



This preview shows how black text looks on a background with the XYZ color 47.3622, 29.4247, 16.5479.



This preview shows how white text looks on a background with the XYZ color 47.3622, 29.4247,

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

47.3622, 29.4247, 16.5479

Protanopia

27.8569, 29.3762, 25.6747

Deuteranopia

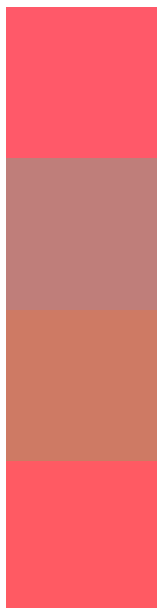
30.0426, 29.3778, 15.3963



Tritanopia

47.0924, 29.5867, 14.2951

Trichromacy



Original Color

47.3622, 29.4247, 16.5479

Protanomaly

32.4596, 27.4032, 21.9909

Deuteranomaly

34.7134, 27.9610, 15.6240

Tritanomaly

47.1483, 29.4732, 15.0083

Monochromacy



Original Color

47.3622, 29.4247, 16.5479

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

29.9595, 25.1521, 23.3545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3622, 29.4247, 16.5479 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, 105)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 105)  
}
```

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, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 105) }
```

Border

The CSS property to change the border of an element to XYZ 47.3622, 29.4247, 16.5479 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, 105) }
```


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

```
.border{ border-color:rgb(255, 89, 105) }
```

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, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 105);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3622, 29.4247, 16.5479 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, 105) }
```

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

```
.background{ background-color: rgb(255, 89,  
105) }
```

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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