

Converting Colors

XYZ(59.5794, 35.5865, 18.2643)

Have a look what the booklet for
XYZ(59.5794, 35.5865, 18.2643)
contains.

XYZ(47.4900, 29.3436, 17.6289)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.4900, 29.3436,
17.6289)**

Conversions

Conversions Part 1

Format	Color
Hex	FF586D
RGB	255, 88, 109
RGB Percent	100%, 35%, 43%
CMY	0.0000, 0.6549, 0.5725
CMYK	0.00, 0.65, 0.57, 0.00
HSL	352°, 100%, 67%
HSV	352°, 65%, 100%
XYZ	47.4900, 29.3436, 17.6289
YIQ	140.3270, 92.7910, 41.9350

Conversions

Conversions Part 2

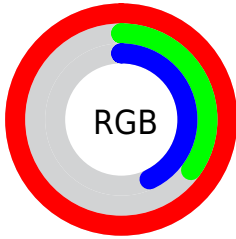
Format	Color
R_{YB}	255, 88, 109
Decimal	16734317
CIE _{Lab}	61.08, 64.50, 23.90
CIE _{LCh}	61, 68.784, 20.329
Yxy	29.3436, 0.5027, 0.3106
Android (android.graphics.Color)	4294924397 (0xFFFF586D)
YUV	140.3270, -15.4442, 100.5682
Hunter-Lab	54.1697, 61.6919, 18.6236

Details

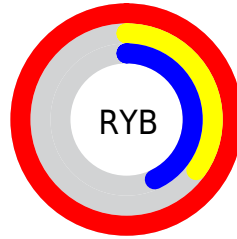
The XYZ color **47.4900, 29.3436, 17.6289** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **54.6380, 79.5358, 90.3213**, and the grayscale version is **25.0889, 26.3955, 28.7447**.

A 20% lighter version of the original color is **57.8640, 44.3558, 38.7695**, and **22.7930, 11.9249, 5.6578** is the 20% darker color. If you saturate the color by 10%, you get **44.6986, 25.4443, 11.5094**, and if you desaturate by 10%, it is **51.3188, 34.8312, 25.5962**.

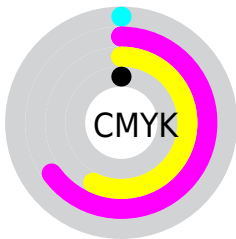
Distribution



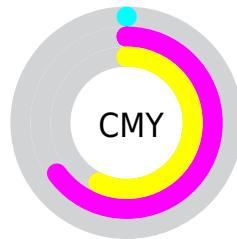
- Red (100%)
- Green (35%)
- Blue (43%)



- 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 47.4900, 29.3436, 17.6289 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 47.4900, 29.3436, 17.6289 by changing the saturation by 10% instead.


 47.4900, 29.3436,
17.6289


 47.4900, 29.3436,
17.6289

367.3834,
298.8327, 250.9364

 33.6328, 19.3409,
10.5172


 85.6589, 58.6226,
40.2093


 22.7732, 11.9169,
5.6331


 110.7012, 78.6676,
56.5151

 14.5459, 6.6871,
2.5582


 140.2026,
102.8289, 76.7227

 8.5855, 3.2672,
0.8707

 174.5285,
131.4908, 101.2506

 4.5268, 1.2728,
0.0000

214.0441,
165.0378, 130.5174

 2.0042, 0.1200,
0.0000

259.1149,

 0.6363, 0.0000,

203.8541, 164.9416

0.0000

310.1062,
248.3243, 204.9418

■ 0.0000, 0.0000,
0.0000

■ 47.4900, 29.3436,
17.6289

■ 47.4900, 29.3436,
17.6289

■ 44.6986, 25.4443,
11.5094

■ 51.3188, 34.8312,
25.5962

■ 42.8388, 22.9586,
7.0857

■ 56.2726, 42.0477,
35.5433

■ 41.7854, 21.6791,
4.1836

■ 62.4319, 51.1240,
47.5920

■ 41.5012, 21.3644,
3.3066

■ 69.8693, 62.1769,
61.8535

■ 78.6516, 75.3137,
78.4315

88.8409, 90.6338,
97.4228

95.0497, 99.9999,
108.9000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.6874, 29.3436, 41.0291



47.4900, 29.3436, 17.6289



40.4736, 29.3436, 6.9575

Triad

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



47.4900, 29.3436, 17.6289



16.5691, 29.3436, 9.5926



25.0804, 29.3436, 110.0461

Complementary

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



47.4900, 29.3436, 17.6289



54.6380, 79.5358, 90.3213

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.



18.2295, 29.3436, 87.3660



47.4900, 29.3436, 17.6289



14.0625, 29.3436, 24.3203

Square

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



47.4900, 29.3436, 17.6289



22.2949, 29.3436, 4.3561



14.5967, 29.3436, 52.4691



34.3511, 29.3436, 104.6957

Rectangle

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



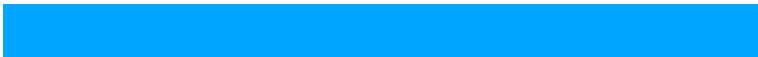
47.4900, 29.3436, 17.6289



34.1367, 29.3436, 4.3047



14.5967, 29.3436, 52.4691



22.4564, 29.3436, 105.1265

Sweetspot

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



47.4907, 29.3453, 17.6294



74.5169, 69.1194, 70.6552



55.0581, 31.4801, 97.7815



15.4291, 14.0161, 14.1390



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.



47.4907, 29.3453, 17.6294



43.9449, 24.4193, 9.7699



53.7871, 43.5356, 14.8032



18.1023, 18.0242, 19.1557



21.7141, 11.1749, 1.8788



2.1420, 1.0992, 0.3294

Inverse Universe

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



47.4907, 29.3453, 17.6294



43.9449, 24.4193, 9.7699



41.3161, 47.7766, 101.6513



18.1023, 18.0242, 19.1557



21.7141, 11.1749, 1.8788



2.1420, 1.0992, 0.3294

Previews

White Background



This preview shows how the XYZ color 47.4900, 29.3436, 17.6289 looks on a white background.

Color Contrast Check

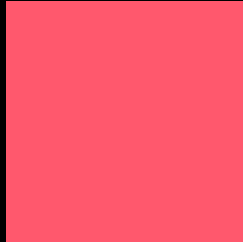
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.4900, 29.3436, 17.6289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

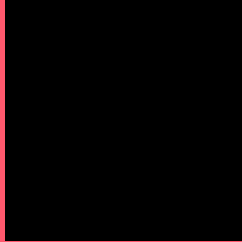
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.4900, 29.3436, 17.6289

Background



This preview shows how black text looks on a background with the XYZ color 47.4900, 29.3436, 17.6289.



This preview shows how white text looks on a background with the XYZ color 47.4900, 29.3436,

17.6289.

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

47.4900, 29.3436, 17.6289

Protanopia

28.0145, 29.4173, 27.4941

Deuteranopia

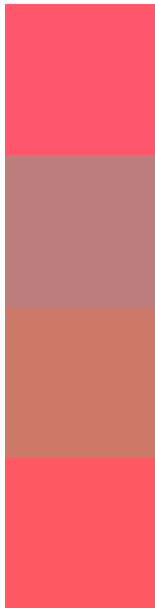
30.0053, 29.3364, 16.3930



Tritanopia

46.6405, 29.2277, 14.2496

Trichromacy



Original Color

47.4900, 29.3436, 17.6289

Protanomaly

32.4620, 27.3752, 23.3117

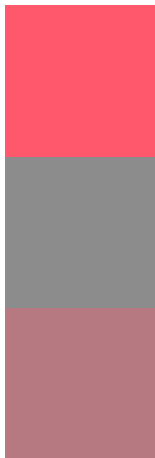
Deuteranomaly

34.6351, 27.8977, 16.6560

Tritanomaly

46.7944, 29.1552, 15.4731

Monochromacy



Original Color

47.4900, 29.3436, 17.6289

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

30.0912, 25.2048, 24.0479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4900, 29.3436, 17.6289 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, 88, 109)` looks like.

```
.text, #text, p{  
    color:rgb(255, 88, 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, 88, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 88, 109) }
```

Border

The CSS property to change the border of an element to XYZ 47.4900, 29.3436, 17.6289 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, 88, 109) }
```


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

```
.border{ border-color:rgb(255, 88, 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, 88, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 88, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 88, 109);  
box-shadow:4px 4px 4px 4px rgb(255, 88,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4900, 29.3436, 17.6289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 88, 109) }
```

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

```
.background{ background-color: rgb(255, 88,  
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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