

Converting Colors

XYZ(47.3700, 29.0739, 17.6804)

Have a look what the booklet for
XYZ(47.3700, 29.0739, 17.6804)
contains.

XYZ(47.3281, 29.0197, 17.5749)	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(47.3281, 29.0197,
17.5749)**

Conversions

Conversions Part 1

Format	Color
Hex	FF566D
RGB	255, 86, 109
RGB Percent	100%, 34%, 43%
CMY	0.0000, 0.6627, 0.5725
CMYK	0.00, 0.66, 0.57, 0.00
HSL	352°, 100%, 67%
HSV	352°, 66%, 100%
XYZ	47.3281, 29.0197, 17.5749
YIQ	139.1530, 93.3410, 42.9810

Conversions

Conversions Part 2

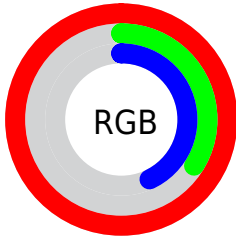
Format	Color
R_{YB}	255, 86, 109
Decimal	16733805
CIE Lab	60.80, 65.28, 23.52
CIE LCh	61, 69.383, 19.813
Yxy	29.0197, 0.5039, 0.3090
Android (android.graphics.Color)	4294923885 (0xFFFF566D)
YUV	139.1530, -14.8654, 101.5978
Hunter-Lab	53.8699, 62.5510, 18.3658

Details

The XYZ color **47.3281, 29.0197, 17.5749** 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 **54.1654, 79.3253, 88.8076**, and the grayscale version is **24.6313, 25.9141, 28.2204**.

A 20% lighter version of the original color is **57.5584, 43.7446, 38.6676**, and **22.7054, 11.7496, 5.6286** is the 20% darker color. If you saturate the color by 10%, you get **44.6016, 25.2330, 11.5301**, and if you desaturate by 10%, it is **51.0790, 34.3801, 25.4278**.

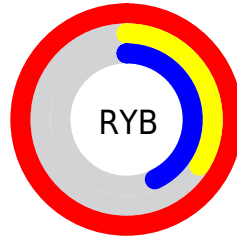
Distribution



Red (100%)

Green (34%)

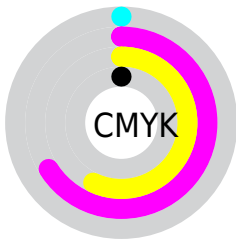
Blue (43%)



Red (100%)

Yellow (34%)

Blue (43%)

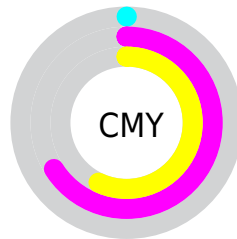


Cyan (0%)

Magenta (66%)

Yellow (57%)

Black (0%)



Cyan (0%)


Magenta (66%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3281, 29.0197, 17.5749 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 47.3281, 29.0197, 17.5749 by changing the saturation by 10% instead.


 47.3281, 29.0197,
17.5749


 47.3281, 29.0197,
17.5749


366.7497,
297.3079, 250.6191

 33.5041, 19.0957,
10.4789


 85.4189, 58.1084,
40.1157


 22.6740, 11.7395,
5.6079


 110.4165, 78.0419,
56.3977

 14.4724, 6.5665,
2.5433


 139.8693,
102.0807, 76.5787

 8.5338, 3.1925,
0.8630

 174.1428,
130.6092, 101.0774

 4.4930, 1.2331,
0.0000

213.6022,
164.0117, 130.3122

 1.9847, 0.0885,
0.0000

258.6129,

 0.6253, 0.0000,

202.6728, 164.7017

0.0000

309.5403,
246.9767, 204.6645

■ 0.0000, 0.0000,
0.0000

■ 47.3281, 29.0197,
17.5749

■ 47.3281, 29.0197,
17.5749

■ 44.6016, 25.2330,
11.5301

■ 51.0790, 34.3801,
25.4278

■ 42.7935, 22.8436,
7.1455

■ 55.9419, 41.4562,
35.2174

■ 41.7774, 21.6401,
4.2517

■ 61.9973, 50.3797,
47.0621

■ 41.5386, 21.3794,
3.5035

■ 69.3176, 61.2678,
61.0703

■ 77.9693, 74.2283,
77.3428

88.0143, 89.3610,
95.9742

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.



48.4159, 29.0197, 41.2217



47.3281, 29.0197, 17.5749



40.3557, 29.0197, 6.8149

Triad

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



47.3281, 29.0197, 17.5749



16.3412, 29.0197, 9.1619



24.6272, 29.0197, 110.0316

Complementary

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



47.3281, 29.0197, 17.5749



54.1654, 79.3253, 88.8076

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.



17.8363, 29.0197, 86.7588



47.3281, 29.0197, 17.5749



13.7916, 29.0197, 23.6016

Square

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



47.3281, 29.0197, 17.5749



22.1115, 29.0197, 4.1186



14.2716, 29.0197, 51.6004



33.8884, 29.0197, 105.1496

Rectangle

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



47.3281, 29.0197, 17.5749



34.0107, 29.0197, 4.1472



14.2716, 29.0197, 51.6004



22.0198, 29.0197, 104.9025

Sweetspot

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



47.3288, 29.0213, 17.5754



74.5830, 69.1458, 71.0030



53.8998, 30.6426, 97.6811



15.4446, 14.0223, 14.2206



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.



47.3288, 29.0213, 17.5754



43.8261, 24.1886, 9.7090



53.0693, 42.2307, 14.1607



18.1100, 18.0273, 19.1963



21.7354, 11.1835, 1.9914



2.1456, 1.1006, 0.3484

Inverse Universe

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



47.3288, 29.0213, 17.5754



43.8261, 24.1886, 9.7090



41.5955, 48.6127, 101.7981



18.1100, 18.0273, 19.1963



21.7354, 11.1835, 1.9914



2.1456, 1.1006, 0.3484

Previews

White Background



This preview shows how the XYZ color 47.3281, 29.0197, 17.5749 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 47.3281, 29.0197, 17.5749 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 47.3281, 29.0197, 17.5749

Background



This preview shows how black text looks on a background with the XYZ color 47.3281, 29.0197, 17.5749.



This preview shows how white text looks on a background with the XYZ color 47.3281, 29.0197,

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

47.3281, 29.0197, 17.5749

Protanopia

27.7431, 29.0393, 27.8098

Deuteranopia

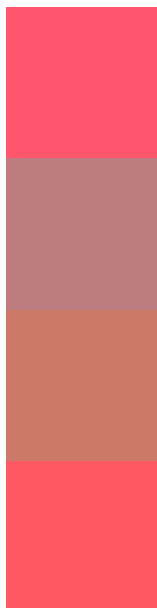
29.7783, 29.2194, 16.3823



Tritanopia

46.4658, 29.0237, 13.7428

Trichromacy



Original Color

47.3281, 29.0197, 17.5749

Protanomaly

32.0247, 26.7664, 23.5572

Deuteranomaly

34.5129, 27.6534, 16.6153

Tritanomaly

46.6149, 28.9511, 14.9356

Monochromacy



Original Color

47.3281, 29.0197, 17.5749

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

29.6688, 24.8152, 23.6482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3281, 29.0197, 17.5749 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, 86, 109)` looks like.

```
.text, #text, p{  
    color:rgb(255, 86, 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, 86, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 86, 109) }
```

Border

The CSS property to change the border of an element to XYZ 47.3281, 29.0197, 17.5749 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, 86, 109) }
```


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

```
.border{ border-color:rgb(255, 86, 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, 86, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 86, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 86, 109);  
box-shadow:4px 4px 4px 4px rgb(255, 86,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3281, 29.0197, 17.5749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 86, 109) }
```

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

```
.background{ background-color: rgb(255, 86,  
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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