

Converting Colors

XYZ(45.1451, 29.3281, 15.8519)

Have a look what the booklet for
XYZ(45.1451, 29.3281, 15.8519)
contains.

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Color

**XYZ(45.0307, 29.2829,
15.8491)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F76166 |
| RGB | 247, 97, 102 |
| RGB Percent | 97%, 38%, 40% |
| CMY | 0.0314, 0.6196, 0.6000 |
| CMYK | 0.00, 0.61, 0.59, 0.03 |
| HSL | 358°, 90%, 67% |
| HSV | 358°, 61%, 97% |
| XYZ | 45.0307, 29.2829, 15.8491 |
| YIQ | 142.4200, 87.7950, 33.3550 |

Conversions

Conversions Part 2

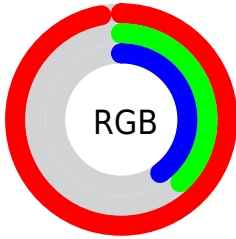
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 247, 97, 102 |
| Decimal | 16212326 |
| CIE _{Lab} | 61.03, 57.76, 27.60 |
| CIE _{LCh} | 61, 64.016, 25.544 |
| Yxy | 29.2829, 0.4994, 0.3248 |
| Android (android.graphics.Color) | 4294402406 (0xFFFF76166) |
| YUV | 142.4200, -19.9271, 91.7167 |
| Hunter-Lab | 54.1137, 53.8399, 20.5144 |

Details

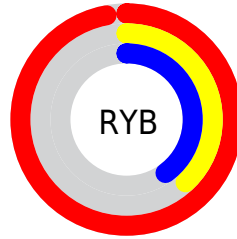
The XYZ color **45.0307, 29.2829, 15.8491** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **54.2196, 75.4743, 95.7213**, and the grayscale version is **25.9311, 27.2815, 29.7096**.

A 20% lighter version of the original color is **58.3810, 46.3424, 36.0049**, and **21.3587, 11.9133, 4.7882** is the 20% darker color. If you saturate the color by 10%, you get **42.0745, 25.0007, 9.8388**, and if you desaturate by 10%, it is **49.0395, 35.1251, 23.8928**.

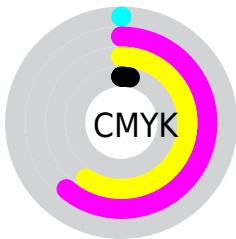
Distribution



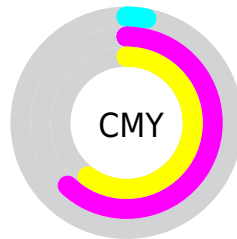
- Red (97%)
- Green (38%)
- Blue (40%)



- Red (97%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (61%)
- Yellow (59%)
- Black (3%)





- Cyan (3%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.0307, 29.2829, 15.8491 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 45.0307, 29.2829, 15.8491 by changing the saturation by 10% instead.


 45.0307, 29.2829,
15.8491


 45.0307, 29.2829,
15.8491

357.6795,
298.5474, 240.2649


 31.6830, 19.2949,
9.2642


 82.0033, 58.5263,
37.0992

 21.2738, 11.8836,
4.8148


 106.3588, 78.5504,
52.6015

 13.4379, 6.6645,
2.0822


 135.1144,
102.6888, 71.9133

 7.8099, 3.2532,
0.6051

 168.6353,
131.3258, 95.4533

 4.0243, 1.2653,
0.0000

207.2869,
164.8457, 123.6399

 1.7159, 0.1141,
0.0000

251.4345,

 0.4662, 0.0000,

203.6331, 156.8916

0.0000

301.4436,
248.0722, 195.6271

■ 0.0000, 0.0000,
0.0000

■ 45.0307, 29.2829,
15.8491

■ 45.0307, 29.2829,
15.8491

■ 42.0745, 25.0007,
9.8388

■ 49.0395, 35.1251,
23.8928

■ 40.0702, 22.1248,
5.6788

■ 54.1851, 42.6525,
34.1284

■ 38.9012, 20.4789,
3.1555

■ 60.5455, 51.9830,
46.7006

■ 38.4025, 19.7920,
2.0322

■ 68.1914, 63.2227,
61.7410

■ 77.1879, 76.4695,
79.3718

87.5958, 91.8145,
99.7067

92.1675, 98.5140,
108.7651

Harmonies

Analogous

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



47.1652, 29.2829, 35.6018



45.0307, 29.2829, 15.8491



37.9702, 29.2829, 6.9753

Triad

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



45.0307, 29.2829, 15.8491



16.5567, 29.2829, 12.2661



26.6005, 29.2829, 103.4768

Complementary

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



45.0307, 29.2829, 15.8491



54.2196, 75.4743, 95.7213

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.



19.6818, 29.2829, 87.0118



45.0307, 29.2829, 15.8491



14.6701, 29.2829, 28.4347

Square

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



45.0307, 29.2829, 15.8491



21.4518, 29.2829, 5.7540



15.6878, 29.2829, 56.1834



35.3675, 29.2829, 94.1958

Rectangle

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



45.0307, 29.2829, 15.8491



32.0478, 29.2829, 4.8348



15.6878, 29.2829, 56.1834



24.0041, 29.2829, 100.6096

Sweetspot

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



45.0314, 29.2845, 15.8496



75.7762, 71.5945, 71.2086



57.6818, 34.1437, 91.5453



15.6505, 14.4872, 14.1256



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.



45.0314, 29.2845, 15.8496



44.6304, 26.0064, 9.3320



54.3352, 48.2765, 17.7662



16.5215, 16.4914, 17.2267



20.3201, 10.4715, 1.1281



1.7936, 0.9234, 0.1397

Inverse Universe

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



45.0314, 29.2845, 15.8496



44.6304, 26.0064, 9.3320



37.4421, 40.7032, 93.8782



16.5215, 16.4914, 17.2267



20.3201, 10.4715, 1.1281



1.7936, 0.9234, 0.1397

Previews

White Background



This preview shows how the XYZ color 45.0307, 29.2829, 15.8491 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 45.0307, 29.2829, 15.8491 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 45.0307, 29.2829, 15.8491

Background



This preview shows how black text looks on a background with the XYZ color 45.0307, 29.2829, 15.8491.



This preview shows how white text looks on a background with the XYZ color 45.0307, 29.2829,

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

45.0307, 29.2829, 15.8491

Protanopia

27.7821, 29.3906, 23.2775

Deuteranopia

29.9505, 29.3410, 14.9113



Tritanopia

45.0806, 29.3028, 16.1120

Trichromacy



Original Color

45.0307, 29.2829, 15.8491

Protanomaly

31.9889, 27.7803, 20.1991

Deuteranomaly

34.1668, 28.2456, 15.2064

Tritanomaly

45.0806, 29.3028, 16.1120

Monochromacy



Original Color

45.0307, 29.2829, 15.8491

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

30.1140, 26.1573, 23.5404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0307, 29.2829, 15.8491 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(247, 97, 102)` looks like.

```
.text, #text, p{  
    color:rgb(247, 97, 102)  
}
```

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(247, 97, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 97, 102) }
```

Border

The CSS property to change the border of an element to XYZ 45.0307, 29.2829, 15.8491 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(247, 97, 102) }
```


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

```
.border{ border-color:rgb(247, 97, 102) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(247, 97, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 97, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 97, 102);  
box-shadow:4px 4px 4px 4px rgb(247, 97,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0307, 29.2829, 15.8491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 97, 102) }
```

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

```
.background{ background-color: rgb(247, 97,  
102) }
```

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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