

Converting Colors

XYZ(45.9501, 29.2388, 15.0262)

Have a look what the booklet for
XYZ(45.9501, 29.2388, 15.0262)
contains.

XYZ(45.9501, 29.2388, 15.0262)	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(45.9501, 29.2388,
15.0262)**

Conversions

Conversions Part 1

Format	Color
Hex	FB5D63
RGB	251, 93, 99
RGB Percent	98%, 36%, 39%
CMY	0.0157, 0.6353, 0.6118
CMYK	0.00, 0.63, 0.61, 0.02
HSL	358°, 95%, 67%
HSV	358°, 63%, 98%
XYZ	45.9501, 29.2388, 15.0262
YIQ	140.9260, 92.2420, 35.3620

Conversions

Conversions Part 2

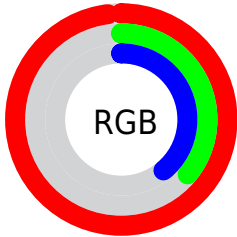
Format	Color
R_{YB}	251, 93, 99
Decimal	16473443
CIE _{Lab}	60.99, 60.56, 29.39
CIE _{LCh}	61, 67.315, 25.888
Yxy	29.2388, 0.5093, 0.3241
Android (android.graphics.Color)	4294663523 (0xFFFB5D63)
YUV	140.9260, -20.6695, 96.5349
Hunter-Lab	54.0729, 57.0582, 21.3751

Details

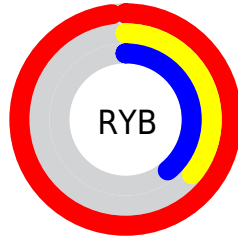
The XYZ color **45.9501, 29.2388, 15.0262** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **55.4949, 77.9147, 98.5072**, and the grayscale version is **25.3429, 26.6627, 29.0357**.

A 20% lighter version of the original color is **57.6514, 45.2747, 34.5545**, and **21.8231, 11.8678, 4.3893** is the 20% darker color. If you saturate the color by 10%, you get **43.1100, 25.1385, 9.2103**, and if you desaturate by 10%, it is **49.8593, 34.9257, 22.9013**.

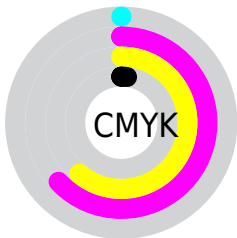
Distribution



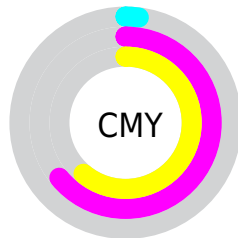
- Red (98%)
- Green (36%)
- Blue (39%)



- Red (98%)
- Yellow (36%)
- Blue (39%)



- Cyan (0%)
- Magenta (63%)
- Yellow (61%)
- Black (2%)





- Cyan (2%)
- Magenta (64%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.9501, 29.2388, 15.0262 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 45.9501, 29.2388, 15.0262 by changing the saturation by 10% instead.


 45.9501, 29.2388,
15.0262

 45.9501, 29.2388,
15.0262


361.3273,
298.3400, 235.1710


 32.4109, 19.2615,
8.6909


 83.3726, 58.4563,
35.6421

 21.8326, 11.8594,
4.4461


 107.9867, 78.4653,
50.7598

 13.8499, 6.6480,
1.8731


 137.0231,
102.5870, 69.6421

 8.0973, 3.2430,
0.4756

 170.8471,
131.2058, 92.7075

 4.2096, 1.2599,
0.0000

209.8242,
164.7061, 120.3745

 1.8214, 0.1098,
0.0000

254.3197,

 0.5305, 0.0000,

203.4724, 153.0618

0.0000

304.6990,
247.8888, 191.1877

■ 0.0000, 0.0000,
0.0000

■ 45.9501, 29.2388,
15.0262

■ 45.9501, 29.2388,
15.0262

■ 43.1100, 25.1385,
9.2103

■ 49.8593, 34.9257,
22.9013

■ 41.2314, 22.4595,
5.2599

■ 54.9272, 42.3331,
33.0023

■ 40.1878, 21.0095,
2.9473

■ 61.2365, 51.5862,
45.4807

■ 39.8355, 20.5299,
2.1364

■ 68.8617, 62.7975,
60.4741

■ 77.8713, 76.0704,
78.1097

88.3292, 91.5008,
98.5063

93.5934, 99.2491,
108.8318

Harmonies

Analogous

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



48.3012, 29.2388, 35.4369



45.9501, 29.2388, 15.0262



38.3944, 29.2388, 6.2163

Triad

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



45.9501, 29.2388, 15.0262



16.0088, 29.2388, 11.6667



26.5955, 29.2388, 108.6977

Complementary

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



45.9501, 29.2388, 15.0262



55.4949, 77.9147, 98.5072

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.



19.3445, 29.2388, 91.1276



45.9501, 29.2388, 15.0262



14.1054, 29.2388, 28.4879

Square

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



45.9501, 29.2388, 15.0262



21.0415, 29.2388, 5.1192



15.1839, 29.2388, 58.0099



35.8475, 29.2388, 98.3099

Rectangle

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



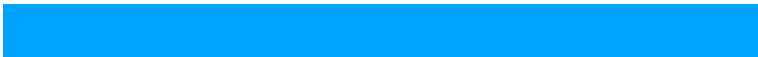
45.9501, 29.2388, 15.0262



32.1212, 29.2388, 4.1785



15.1839, 29.2388, 58.0099



23.8679, 29.2388, 105.6943

Sweetspot

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



45.9508, 29.2404, 15.0267



74.8768, 70.2410, 69.5360



58.3243, 33.8679, 94.7293



15.4770, 14.2250, 13.8064



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.



45.9508, 29.2404, 15.0267



43.9797, 25.0430, 8.0728



55.0539, 47.8882, 16.7000



17.2713, 17.2359, 18.0183



20.9511, 10.7962, 1.1851



1.9495, 1.0035, 0.1576

Inverse Universe

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



45.9508, 29.2404, 15.0267



43.9797, 25.0430, 8.0728



38.2296, 41.8965, 97.3381



17.2713, 17.2359, 18.0183



20.9511, 10.7962, 1.1851



1.9495, 1.0035, 0.1576

Previews

White Background



This preview shows how the XYZ color 45.9501, 29.2388, 15.0262 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 45.9501, 29.2388, 15.0262 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 45.9501, 29.2388, 15.0262

Background



This preview shows how black text looks on a background with the XYZ color 45.9501, 29.2388, 15.0262.



This preview shows how white text looks on a background with the XYZ color 45.9501, 29.2388,

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

45.9501, 29.2388, 15.0262

Protanopia

27.6569, 29.3405, 22.6180

Deuteranopia

29.7733, 29.2701, 13.9780



Tritanopia

45.9501, 29.2388, 15.0262

Trichromacy



Original Color

45.9501, 29.2388, 15.0262

Protanomaly

32.1125, 27.4700, 19.5293

Deuteranomaly

34.4049, 28.2026, 14.2200

Tritanomaly

45.9501, 29.2388, 15.0262

Monochromacy



Original Color

45.9501, 29.2388, 15.0262

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

30.0296, 25.7454, 23.1253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9501, 29.2388, 15.0262 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(251, 93, 99)` looks like.

```
.text, #text, p{  
    color:rgb(251, 93, 99)  
}
```

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(251, 93, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 93, 99) }
```

Border

The CSS property to change the border of an element to XYZ 45.9501, 29.2388, 15.0262 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(251, 93, 99) }
```


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

```
.border{ border-color:rgb(251, 93, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 93, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 93, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 93, 99);  
box-shadow:4px 4px 4px 4px rgb(251, 93,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9501, 29.2388, 15.0262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 93, 99) }
```

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

```
.background{ background-color: rgb(251, 93,  
99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor