

Converting Colors

XYZ(43.7766, 29.0322, 16.9322)

Have a look what the booklet for
XYZ(43.7766, 29.0322, 16.9322)
contains.

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Color

**XYZ(43.7766, 29.0322,
16.9322)**

Conversions

Conversions Part 1

Format	Color
Hex	F2646A
RGB	242, 100, 106
RGB Percent	95%, 39%, 42%
CMY	0.0510, 0.6078, 0.5843
CMYK	0.00, 0.59, 0.56, 0.05
HSL	357°, 85%, 67%
HSV	357°, 59%, 95%
XYZ	43.7766, 29.0322, 16.9322
YIQ	143.1420, 82.7060, 31.9700

Conversions

Conversions Part 2

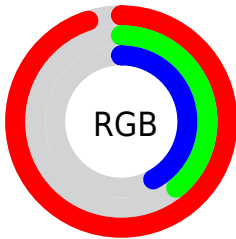
Format	Color
R _Y B	242, 100, 106
Decimal	15885418
CIE Lab	60.81, 55.06, 24.88
CIE LCh	61, 60.417, 24.318
Yxy	29.0322, 0.4878, 0.3235
Android (android.graphics.Color)	4294075498 (0xFFFF2646A)
YUV	143.1420, -18.3110, 86.6985
Hunter-Lab	53.8815, 50.7314, 19.0853

Details

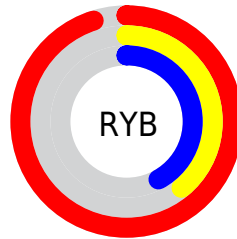
The XYZ color **43.7766, 29.0322, 16.9322** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **52.1498, 72.2702, 90.5633**, and the grayscale version is **26.2140, 27.5792, 30.0337**.

A 20% lighter version of the original color is **59.2143, 47.4713, 37.9402**, and **20.4757, 11.7468, 5.3258** is the 20% darker color. If you saturate the color by 10%, you get **40.7435, 24.6415, 10.7566**, and if you desaturate by 10%, it is **47.8260, 34.9346, 25.0539**.

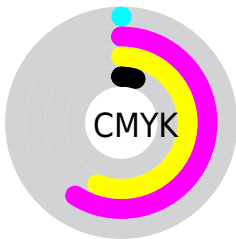
Distribution



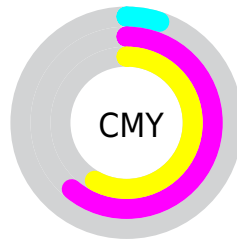
- Red (95%)
- Green (39%)
- Blue (42%)



- Red (95%)
- Yellow (39%)
- Blue (42%)



- Cyan (0%)
- Magenta (59%)
- Yellow (56%)
- Black (5%)




- Cyan (5%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7766, 29.0322, 16.9322 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 43.7766, 29.0322, 16.9322 by changing the saturation by 10% instead.


 43.7766, 29.0322,
16.9322

 43.7766, 29.0322,
16.9322


352.6635,
297.3669, 246.8121

 30.6921, 19.1052,
10.0247


 80.1299, 58.1282,
38.9982

 20.5152, 11.7463,
5.3095

 104.1294, 78.0661,
54.9938

 12.8805, 6.5712,
2.3681


 132.4979,
102.1096, 74.8559

 7.4227, 3.1954,
0.7690

 165.6008,
130.6432, 99.0030

 3.7765, 1.2346,
0.0000

203.8035,
164.0514, 127.8536

 1.5765, 0.0897,
0.0000

247.4713,

 0.3770, 0.0000,

202.7184, 161.8263

0.0000

296.9695,
247.0288, 201.3396

■ 0.0000, 0.0000,
0.0000

■ 43.7766, 29.0322,
16.9322

■ 43.7766, 29.0322,
16.9322

■ 40.7435, 24.6415,
10.7566

■ 47.8260, 34.9346,
25.0539

■ 38.6345, 21.6208,
6.3627

■ 52.9687, 42.4641,
35.2645

■ 37.3447, 19.8101,
3.5620

■ 59.2771, 51.7307,
47.6953

■ 36.7271, 18.9766,
2.1176

■ 66.8163, 62.8331,
62.4663

■ 36.6737, 18.8995,
2.0083

■ 75.6471, 75.8628,
79.6890

■ 85.8258, 90.9052,
99.4676

■ 90.4277, 97.6171,
108.6837

Harmonies

Analogous

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



45.5216, 29.0322, 36.0906



43.7766, 29.0322, 16.9322



37.3768, 29.0322, 7.8829

Triad

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



43.7766, 29.0322, 16.9322



17.0525, 29.0322, 12.4954



26.1255, 29.0322, 97.1647

Complementary

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



43.7766, 29.0322, 16.9322



52.1498, 72.2702, 90.5633

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.



19.6874, 29.0322, 81.3847



43.7766, 29.0322, 16.9322



15.1263, 29.0322, 27.5185

Square

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



43.7766, 29.0322, 16.9322



21.8290, 29.0322, 6.3048



15.9903, 29.0322, 52.9845



34.2945, 29.0322, 89.6985

Rectangle

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



43.7766, 29.0322, 16.9322



31.8821, 29.0322, 5.5743



15.9903, 29.0322, 52.9845



23.7091, 29.0322, 94.2395

Sweetspot

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



43.7773, 29.0338, 16.9327



75.8275, 71.6150, 71.4789



54.8128, 33.1719, 87.5177



15.6627, 14.4921, 14.1898



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.



43.7773, 29.0338, 16.9327



45.4605, 27.1387, 11.2365



52.1768, 46.3142, 18.2483



15.7998, 15.7696, 16.5021



19.7139, 10.1580, 1.1441



1.6495, 0.8488, 0.1449

Inverse Universe

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



43.7773, 29.0338, 16.9327



45.4605, 27.1387, 11.2365



37.2244, 41.0026, 89.9562



15.7998, 15.7696, 16.5021



19.7139, 10.1580, 1.1441



1.6495, 0.8488, 0.1449

Previews

White Background



This preview shows how the XYZ color 43.7766, 29.0322, 16.9322 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 43.7766, 29.0322, 16.9322 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 43.7766, 29.0322, 16.9322

Background



This preview shows how black text looks on a background with the XYZ color 43.7766, 29.0322, 16.9322.



This preview shows how white text looks on a background with the XYZ color 43.7766, 29.0322,

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

43.7766, 29.0322, 16.9322

Protanopia

27.5909, 29.2698, 24.2741

Deuteranopia

29.6815, 29.1807, 15.8724



Tritanopia

43.7766, 29.0322, 16.9322

Trichromacy



Original Color

43.7766, 29.0322, 16.9322

Protanomaly

31.5621, 27.7363, 21.1429

Deuteranomaly

33.6785, 28.1604, 16.2308

Tritanomaly

43.7766, 29.0322, 16.9322

Monochromacy



Original Color

43.7766, 29.0322, 16.9322

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

30.2090, 26.3742, 24.6176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7766, 29.0322, 16.9322 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(242, 100, 106)` looks like.

```
.text, #text, p{  
    color:rgb(242, 100, 106)  
}
```

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(242, 100, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 100, 106) }
```

Border

The CSS property to change the border of an element to XYZ 43.7766, 29.0322, 16.9322 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(242, 100, 106) }
```


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

```
.border{ border-color:rgb(242, 100, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 100, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 100, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 100, 106);  
box-shadow:4px 4px 4px 4px rgb(242, 100,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7766, 29.0322, 16.9322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 100, 106) }
```

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

```
.background{ background-color: rgb(242,  
100, 106) }
```

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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