

# Converting Colors

XYZ(43.3194, 27.4321, 14.0390)

Have a look what the booklet for  
XYZ(43.3194, 27.4321, 14.0390)  
contains.

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# Color

**XYZ(43.3399, 27.4018,  
14.0711)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F55960
RGB	245, 89, 96
RGB Percent	96%, 35%, 38%
CMY	0.0392, 0.6509, 0.6235
CMYK	0.00, 0.64, 0.61, 0.04
HSL	357°, 89%, 65%
HSV	357°, 64%, 96%
XYZ	43.3399, 27.4018, 14.0711
YIQ	136.4420, 90.7290, 35.2490

# Conversions

## Conversions Part 2

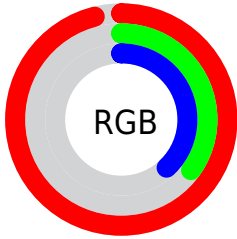
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 89, 96
Decimal	16079200
CIE <sub>Lab</sub>	59.34, 60.09, 28.79
CIE <sub>LCh</sub>	59, 66.626, 25.600
Yxy	27.4018, 0.5110, 0.3231
Android (android.graphics.Color)	4294269280 (0xFFFF55960)
YUV	136.4420, -19.9379, 95.2054
Hunter-Lab	52.3467, 56.1803, 20.7052

# Details

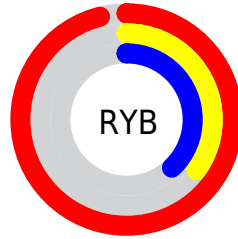
The XYZ color **43.3399, 27.4018, 14.0711** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **52.2070, 73.6024, 92.3509**, and the grayscale version is **23.6176, 24.8475, 27.0590**.

A 20% lighter version of the original color is **56.7853, 43.9244, 33.0891**, and **20.1938, 10.8286, 4.0434** is the 20% darker color. If you saturate the color by 10%, you get **40.7076, 23.6127, 8.6460**, and if you desaturate by 10%, it is **46.9722, 32.6784, 21.4116**.

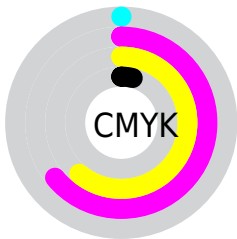
# Distribution



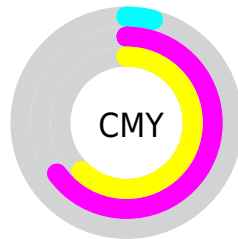
- Red (96%)
- Green (35%)
- Blue (38%)



- Red (96%)
- Yellow (35%)
- Blue (38%)



- Cyan (0%)
- Magenta (64%)
- Yellow (61%)
- Black (4%)




- Cyan (4%)
- Magenta (65%)
- Yellow (62%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3399, 27.4018, 14.0711 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 43.3399, 27.4018, 14.0711 by changing the saturation by 10% instead.





 43.3399, 27.4018,  
14.0711


 43.3399, 27.4018,  
14.0711

350.9056,  
289.5973, 229.1165


 30.3476, 17.8752,  
8.0308


 79.4760, 55.5280,  
33.9341

 20.2519, 10.8604,  
4.0266


 103.3506, 74.8963,  
48.5938

 12.6876, 5.9731,  
1.6400


 131.5832, 98.3141,  
66.9639

 7.2893, 2.8287,  
0.3191

 164.5393,  
126.1656, 89.4627

 3.6916, 1.0430,  
0.0000

202.5843,  
158.8353, 116.5088

 1.5292, 0.0000,  
0.0000

246.0834,

 0.3456, 0.0000,

196.7075, 148.5208

0.0000

295.4021,  
240.1668, 185.9172

■ 0.0000, 0.0000,  
0.0000

■ 43.3399, 27.4018,  
14.0711

■ 43.3399, 27.4018,  
14.0711

■ 40.7076, 23.6127,  
8.6460

■ 46.9722, 32.6784,  
21.4116

■ 38.9737, 21.1541,  
4.9565

■ 51.6890, 39.5694,  
30.8224


■ 38.0183, 19.8423,  
2.7914


■ 57.5682, 48.1938,  
42.4440

■ 37.7163, 19.4365,  
2.0797

■ 64.6799, 58.6578,  
56.4043

■ 73.0887, 71.0593,  
72.8215

 82.8546, 85.4890,  
91.8057

 91.4660, 98.1524,  
108.7323

# Harmonies

## Analogous

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



45.5188, 27.4018, 33.4981



43.3399, 27.4018, 14.0711



36.1908, 27.4018, 5.7259

# Triad

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



43.3399, 27.4018, 14.0711



14.9310, 27.4018, 10.6894



24.8341, 27.4018, 103.0040

# Complementary

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



43.3399, 27.4018, 14.0711



52.2070, 73.6024, 92.3509

# 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.



17.9976, 27.4018, 86.0056



43.3399, 27.4018, 14.0711



13.1086, 27.4018, 26.4509

# Square

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



43.3399, 27.4018, 14.0711



19.7143, 27.4018, 4.6322



14.0983, 27.4018, 54.3925



33.6028, 27.4018, 93.3379



# Rectangle

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



43.3399, 27.4018, 14.0711



30.2377, 27.4018, 3.8022



14.0983, 27.4018, 54.3925



22.2582, 27.4018, 100.0474

# Sweetspot

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



43.3406, 27.4033, 14.0715



74.9181, 70.2576, 69.7533



55.0464, 31.7779, 89.6182



15.4867, 14.2289, 13.8576



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.



43.3406, 27.4033, 14.0715



44.0213, 25.0596, 8.2921



51.8931, 45.0008, 15.4044



16.5292, 16.4945, 17.2675



20.3319, 10.4762, 1.1900



1.7974, 0.9249, 0.1593



# Inverse Universe

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



43.3406, 27.4033, 14.0715



44.0213, 25.0596, 8.2921



35.8940, 39.3007, 92.0797



16.5292, 16.4945, 17.2675



20.3319, 10.4762, 1.1900



1.7974, 0.9249, 0.1593



# Previews

## White Background



This preview shows how the XYZ color 43.3399, 27.4018, 14.0711 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

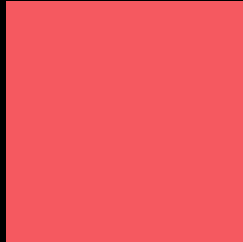
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 43.3399, 27.4018, 14.0711 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 43.3399, 27.4018, 14.0711**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.3399, 27.4018, 14.0711.



This preview shows how white text looks on a background with the XYZ color 43.3399, 27.4018,



# 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

43.3399, 27.4018, 14.0711

### Protanopia

25.9147, 27.5561, 21.4058

### Deuteranopia

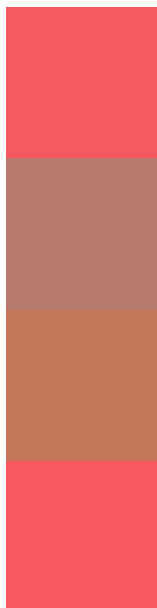
27.9407, 27.4801, 13.0641



## Tritanopia

43.2941, 27.3835, 13.8302

# Trichromacy



## Original Color

43.3399, 27.4018, 14.0711

## Protanomaly

29.9598, 25.6279, 18.4066

## Deuteranomaly

32.1580, 26.3304, 13.2849

## Tritanomaly

43.2941, 27.3835, 13.8302

# Monochromacy



## Original Color

43.3399, 27.4018, 14.0711

## Achromatopsia

23.4014, 24.6201, 26.8113

## Achromatomaly

27.9525, 23.8042, 21.2106

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.3399, 27.4018, 14.0711 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(245, 89, 96)` looks like.

```
.text, #text, p{  
    color:rgb(245, 89, 96)  
}
```

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(245, 89, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 89, 96) }
```

## Border

The CSS property to change the border of an element to XYZ 43.3399, 27.4018, 14.0711 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(245, 89, 96) }
```



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

```
.border{ border-color:rgb(245, 89, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 89, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 89, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 89, 96);  
box-shadow:4px 4px 4px 4px rgb(245, 89,  
96) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.3399, 27.4018, 14.0711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 89, 96) }
```

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

```
.background{ background-color: rgb(245, 89,  
96) }
```

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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