

Converting Colors

XYZ(44.1904, 27.8434, 14.2245)

Have a look what the booklet for
XYZ(44.1904, 27.8434, 14.2245)
contains.

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Color

**XYZ(44.0415, 27.7634,
14.1040)**

Conversions

Conversions Part 1

Format	Color
Hex	F75960
RGB	247, 89, 96
RGB Percent	97%, 35%, 38%
CMY	0.0314, 0.6509, 0.6235
CMYK	0.00, 0.64, 0.61, 0.03
HSL	357°, 91%, 66%
HSV	357°, 64%, 97%
XYZ	44.0415, 27.7634, 14.1040
YIQ	137.0400, 91.9210, 35.6730

Conversions

Conversions Part 2

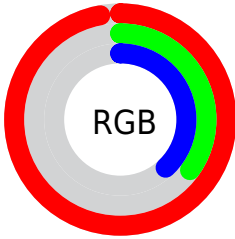
Format	Color
R_{YB}	247, 89, 96
Decimal	16210272
CIE _{Lab}	59.67, 60.73, 29.28
CIE _{LCh}	60, 67.418, 25.740
Yxy	27.7634, 0.5127, 0.3232
Android (android.graphics.Color)	4294400352 (0xFFFF75960)
YUV	137.0400, -20.2327, 96.4349
Hunter-Lab	52.6910, 56.9891, 21.0133

Details

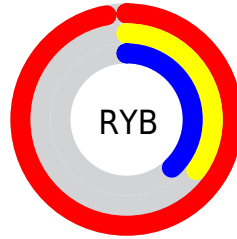
The XYZ color **44.0415, 27.7634, 14.1040** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **53.1108, 74.9374, 94.1096**, and the grayscale version is **23.8440, 25.0857, 27.3183**.

A 20% lighter version of the original color is **56.7853, 43.9244, 33.0891**, and **20.6493, 11.0334, 4.0589** is the 20% darker color. If you saturate the color by 10%, you get **41.3911, 23.9489, 8.6396**, and if you desaturate by 10%, it is **47.7086, 33.0898, 21.5172**.

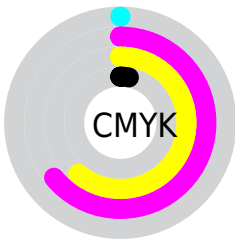
Distribution



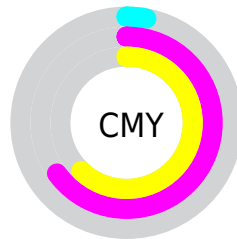
- Red (97%)
- Green (35%)
- Blue (38%)



- Red (97%)
- Yellow (35%)
- Blue (38%)



- Cyan (0%)
- Magenta (64%)
- Yellow (61%)
- Black (3%)





- Cyan (3%)
- Magenta (65%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.0415, 27.7634, 14.1040 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 44.0415, 27.7634, 14.1040 by changing the saturation by 10% instead.


 44.0415, 27.7634,
14.1040

 44.0415, 27.7634,
14.1040


353.7270,
291.3346, 229.3277


 30.9012, 18.1474,
8.0535


 80.5261, 56.1065,
33.9932

 20.6751, 11.0559,
4.0409


 104.6012, 75.6023,
48.6690

 12.9978, 6.1044,
1.6478


 133.0519, 99.1602,
67.0569

 7.5040, 2.9087,
0.3246

 166.2435,
127.1646, 89.5755

 3.8284, 1.0842,
0.0000

204.5415,
159.9998, 116.6434

 1.6055, 0.0000,
0.0000

248.3111,

 0.3960, 0.0000,

198.0503, 148.6790

0.0000

297.9178,
241.7005, 186.1009

■ 0.0000, 0.0000,
0.0000

■ 44.0415, 27.7634,
14.1040

■ 44.0415, 27.7634,
14.1040

■ 41.3911, 23.9489,
8.6396

■ 47.7086, 33.0898,
21.5172

■ 39.6532, 21.4854,
4.9394

■ 52.4792, 40.0584,
31.0381


■ 38.7046, 20.1842,
2.7859


■ 58.4328, 48.7908,
42.8107

■ 38.4176, 19.7981,
2.1111

■ 65.6413, 59.3956,
56.9660

■ 74.1708, 71.9730,
73.6251

 84.0826, 86.6158,
92.9007

 92.1676, 98.5141,
108.7651

Harmonies

Analogous

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



46.2998, 27.7634, 33.8462



44.0415, 27.7634, 14.1040



36.7129, 27.7634, 5.6853

Triad

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



44.0415, 27.7634, 14.1040



15.0435, 27.7634, 10.7789



25.1913, 27.7634, 105.1771

Complementary

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



44.0415, 27.7634, 14.1040



53.1108, 74.9374, 94.1096

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.



18.2072, 27.7634, 87.8540



44.0415, 27.7634, 14.1040



13.2033, 27.7634, 26.8804

Square

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



44.0415, 27.7634, 14.1040



19.9011, 27.7634, 4.6174



14.2232, 27.7634, 55.4888



34.1511, 27.7634, 95.1359

Rectangle

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



44.0415, 27.7634, 14.1040



30.6275, 27.7634, 3.7607



14.2232, 27.7634, 55.4888



22.5595, 27.7634, 102.1877

Sweetspot

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



44.0422, 27.7650, 14.1045



74.9147, 70.2562, 69.7355



55.9920, 32.2299, 91.2652



15.4859, 14.2286, 13.8534



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.



44.0422, 27.7650, 14.1045



43.8094, 24.7614, 7.8341



52.7502, 45.6736, 15.4889



16.5288, 16.4944, 17.2655



20.3313, 10.4760, 1.1870



1.7972, 0.9248, 0.1583

Inverse Universe

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



44.0422, 27.7650, 14.1045



43.8094, 24.7614, 7.8341



36.4157, 39.8528, 93.7684



16.5288, 16.4944, 17.2655



20.3313, 10.4760, 1.1870



1.7972, 0.9248, 0.1583

Previews

White Background



This preview shows how the XYZ color 44.0415, 27.7634, 14.1040 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 44.0415, 27.7634, 14.1040 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 44.0415, 27.7634, 14.1040

Background



This preview shows how black text looks on a background with the XYZ color 44.0415, 27.7634, 14.1040.



This preview shows how white text looks on a background with the XYZ color 44.0415, 27.7634,

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

44.0415, 27.7634, 14.1040

Protanopia

26.2519, 27.9538, 21.4648

Deuteranopia

28.3055, 27.8802, 13.1221



Tritanopia

43.9957, 27.7451, 13.8630

Trichromacy



Original Color

44.0415, 27.7634, 14.1040

Protanomaly

30.5704, 26.1278, 18.4709

Deuteranomaly

32.6922, 26.6058, 13.3099

Tritanomaly

43.9957, 27.7451, 13.8630

Monochromacy



Original Color

44.0415, 27.7634, 14.1040

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

28.3608, 24.1852, 21.5858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0415, 27.7634, 14.1040 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, 89, 96)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 89, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 89, 96) }
```

Border

The CSS property to change the border of an element to XYZ 44.0415, 27.7634, 14.1040 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, 89, 96) }
```


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

```
.border{ border-color:rgb(247, 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(247, 89, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 89, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 89, 96);  
box-shadow:4px 4px 4px 4px rgb(247, 89,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0415, 27.7634, 14.1040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 89, 96) }
```

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

```
.background{ background-color: rgb(247, 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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