

Converting Colors

XYZ(45.3680, 27.5410, 9.3948)

Have a look what the booklet for
XYZ(45.3680, 27.5410, 9.3948)
contains.

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Color

**XYZ(45.3447, 27.4917,
9.3951)**

Conversions

Conversions Part 1

Format	Color
Hex	FF504A
RGB	255, 80, 74
RGB Percent	100%, 31%, 29%
CMY	0.0000, 0.6862, 0.7098
CMYK	0.00, 0.69, 0.71, 0.00
HSL	2°, 100%, 65%
HSV	2°, 71%, 100%
XYZ	45.3447, 27.4917, 9.3951
YIQ	131.6410, 106.2260, 35.2340

Conversions

Conversions Part 2

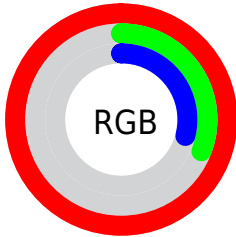
Format	Color
RYB	255, 80, 74
Decimal	16732234
CIELab	59.43, 65.58, 41.67
CIElCh	59, 77.694, 32.433
Yxy	27.4917, 0.5514, 0.3343
Android (android.graphics.Color)	4294922314 (0xFFFF504A)
YUV	131.6410, -28.4170, 108.1858
Hunter-Lab	52.4325, 62.6134, 26.0789

Details

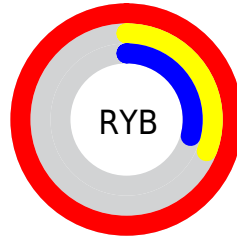
The XYZ color **45.3447, 27.4917, 9.3951** is a dark color, and the websafe version is hex **FF3333**. The color can be described as middle washed red. A complement of this color would be **54.7462, 76.4203, 106.4723**, and the grayscale version is **21.8766, 23.0159, 25.0643**.

A 20% lighter version of the original color is **53.9036, 40.8670, 23.7860**, and **21.4570, 11.0359, 2.1616** is the 20% darker color. If you saturate the color by 10%, you get **43.1669, 24.2440, 5.2552**, and if you desaturate by 10%, it is **48.5334, 32.2053, 15.5886**.

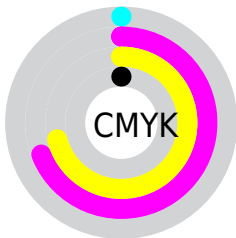
Distribution



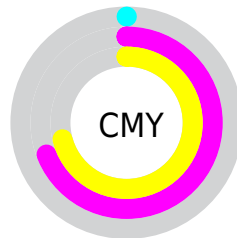
- Red (100%)
- Green (31%)
- Blue (29%)



- Red (100%)
- Yellow (31%)
- Blue (29%)



- Cyan (0%)
- Magenta (69%)
- Yellow (71%)
- Black (0%)




- Cyan (0%)
- Magenta (69%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.3447, 27.4917, 9.3951 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 45.3447, 27.4917, 9.3951 by changing the saturation by 10% instead.


 45.3447, 27.4917,
9.3951


 45.3447, 27.4917,
9.3951


358.9281,
290.0300, 196.6239


 31.9315, 17.9428,
4.8995


 82.4713, 55.6719,
25.2411


 21.4644, 10.9090,
2.1307


 106.9154, 75.0720,
37.4286


 13.5783, 6.0056,
0.6339


 135.7671, 98.5247,
53.0171

 7.9077, 2.8485,
0.0000

 169.3919,
126.4143, 72.4252

 4.0872, 1.0532,
0.0000

 208.1550,
159.1252, 96.0713

 1.7516, 0.0000,
0.0000

252.4218,

 0.4883, 0.0000,

197.0419, 124.3742

0.0000

302.5577,
240.5487, 157.7522

■ 0.0000, 0.0000,
0.0000

■ 45.3447, 27.4917,
9.3951

■ 45.3447, 27.4917,
9.3951

■ 43.1669, 24.2440,
5.2552

■ 48.5334, 32.2053,
15.5886

■ 41.8767, 22.2864,
2.9052


■ 52.8337, 38.5249,
24.0538


■ 41.3317, 21.4437,
1.9606

■ 58.3360, 46.5797,
34.9822

■ 65.1212, 56.4842,
48.5450

■ 73.2629, 68.3435,
64.8979

 82.8292, 82.2545,
84.1846

 93.8838, 98.3078,
106.5390

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



49.6706, 27.4917, 27.7136



45.3447, 27.4917, 9.3951



35.7936, 27.4917, 3.1156

Triad

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



45.3447, 27.4917, 9.3951



12.7932, 27.4917, 11.3372



26.9333, 27.4917, 121.8964

Complementary

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



45.3447, 27.4917, 9.3951



54.7462, 76.4203, 106.4723

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.



18.3840, 27.4917, 107.1275



45.3447, 27.4917, 9.3951



11.5268, 27.4917, 32.2695

Square

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



45.3447, 27.4917, 9.3951



17.3159, 27.4917, 3.6472



13.2935, 27.4917, 68.9110



37.5195, 27.4917, 101.8869

Rectangle

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



45.3447, 27.4917, 9.3951



28.6754, 27.4917, 2.0296



13.2935, 27.4917, 68.9110



23.7399, 27.4917, 120.8314

Sweetspot

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



45.3453, 27.4933, 9.3955



73.2455, 68.3180, 64.8625



61.2565, 33.1847, 95.2578



15.1667, 13.8792, 12.8556



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.



45.3453, 27.4933, 9.3955



42.5495, 23.3127, 4.1121



56.3894, 49.5815, 13.0769



18.0577, 18.0836, 18.6831



21.6177, 11.2467, 1.0314



2.1211, 1.1276, 0.1059

Inverse Universe

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



54.7462, 76.4203, 106.4723



52.3652, 74.6501, 106.2567



33.7036, 34.3349, 99.4581



18.5001, 20.3718, 23.2070



26.7594, 38.4283, 55.4416



2.6210, 3.7728, 5.4034

Previews

White Background



This preview shows how the XYZ color 45.3447, 27.4917, 9.3951 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



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 45.3447, 27.4917, 9.3951

Background



This preview shows how black text looks on a background with the XYZ color 45.3447, 27.4917, 9.3951.



This preview shows how white text looks on a background with the XYZ color 45.3447, 27.4917,

9.3951.

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

45.3447, 27.4917, 9.3951

Protanopia

25.4513, 27.4580, 15.0248

Deuteranopia

28.0897, 27.4435, 8.6671



Tritanopia

45.5973, 27.4765, 11.0839

Trichromacy



Original Color

45.3447, 27.4917, 9.3951

Protanomaly

29.9638, 25.2139, 12.5200

Deuteranomaly

32.7424, 26.0299, 8.7674

Tritanomaly

45.4839, 27.4312, 10.4869

Monochromacy



Original Color

45.3447, 27.4917, 9.3951

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

26.9058, 22.3051, 17.9261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3447, 27.4917, 9.3951 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(255, 80, 74)` looks like.

```
.text, #text, p{  
    color:rgb(255, 80, 74)  
}
```

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(255, 80, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 80, 74) }
```

Border

The CSS property to change the border of an element to XYZ 45.3447, 27.4917, 9.3951 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(255, 80, 74) }
```


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

```
.border{ border-color:rgb(255, 80, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 80, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 80, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 80, 74);  
box-shadow:4px 4px 4px 4px rgb(255, 80,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3447, 27.4917, 9.3951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 80, 74) }
```

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

```
.background{ background-color: rgb(255, 80,  
74) }
```

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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