

Converting Colors

XYZ(46.0212, 28.8111, 11.3000)

Have a look what the booklet for
XYZ(46.0212, 28.8111, 11.3000)
contains.

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Color

**XYZ(46.0068, 28.8401,
11.3255)**

Conversions

Conversions Part 1

Format	Color
Hex	FE5953
RGB	254, 89, 83
RGB Percent	100%, 35%, 33%
CMY	0.0039, 0.6509, 0.6745
CMYK	0.00, 0.65, 0.67, 0.00
HSL	2°, 99%, 66%
HSV	2°, 67%, 100%
XYZ	46.0068, 28.8401, 11.3255
YIQ	137.6510, 100.2660, 33.1140

Conversions

Conversions Part 2

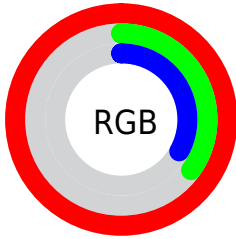
Format	Color
R_{YB}	254, 89, 83
Decimal	16669011
CIE _{Lab}	60.64, 62.24, 38.08
CIE _{LCh}	61, 72.963, 31.461
Yxy	28.8401, 0.5339, 0.3347
Android (android.graphics.Color)	4294859091 (0xFFFE5953)
YUV	137.6510, -26.9429, 102.0381
Hunter-Lab	53.7030, 58.9389, 25.0883

Details

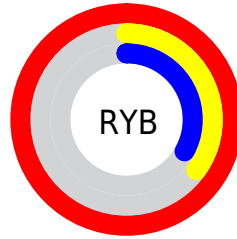
The XYZ color **46.0068, 28.8401, 11.3255** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **55.0210, 76.1235, 105.5589**, and the grayscale version is **24.0985, 25.3535, 27.6099**.

A 20% lighter version of the original color is **55.7525, 43.5112, 27.6503**, and **21.8373, 11.6171, 2.8416** is the 20% darker color. If you saturate the color by 10%, you get **43.4884, 25.0960, 6.5019**, and if you desaturate by 10%, it is **49.5641, 34.0881, 18.2668**.

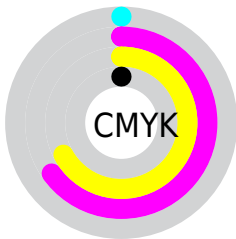
Distribution



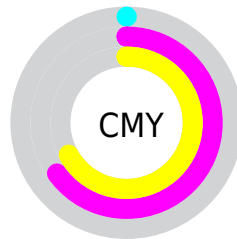
- Red (100%)
- Green (35%)
- Blue (33%)



- Red (100%)
- Yellow (35%)
- Blue (33%)



- Cyan (0%)
- Magenta (65%)
- Yellow (67%)
- Black (0%)





- Cyan (0%)
- Magenta (65%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0068, 28.8401, 11.3255 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 46.0068, 28.8401, 11.3255 by changing the saturation by 10% instead.


 46.0068, 28.8401,
11.3255


 46.0068, 28.8401,
11.3255


361.5515,
296.4598, 210.7042


 32.4558, 18.9599,
6.1693


 83.4570, 57.8229,
28.9063

 21.8671, 11.6413,
2.8778


 108.0869, 77.6944,
42.1680


 13.8754, 6.4999,
1.0326


 137.1405,
101.6650, 58.9686

 8.1152, 3.1514,
0.0000

 170.9832,
130.1192, 79.7267

 4.2211, 1.2113,
0.0000

 209.9803,
163.4414, 104.8607

 1.8280, 0.0709,
0.0000

254.4971,

 0.5344, 0.0000,

202.0159, 134.7893

0.0000

304.8990,
246.2273, 169.9310

■ 0.0000, 0.0000,
0.0000

■ 46.0068, 28.8401,
11.3255

■ 46.0068, 28.8401,
11.3255

■ 43.4884, 25.0960,
6.5019

■ 49.5641, 34.0881,
18.2668

■ 41.8950, 22.6934,
3.5530

■ 54.2541, 40.9705,
27.5301


■ 41.0879, 21.4412,
2.1683

■ 60.1626, 49.6095,
39.2970

■ 40.9697, 21.2645,
1.9451

■ 67.3664, 60.1141,
53.7309

■ 75.9362, 72.5847,
70.9812

 85.9373, 87.1142,
91.1864

94.6829, 99.8107,
108.8828

Harmonies

Analogous

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



49.8728, 28.8401, 30.0944



46.0068, 28.8401, 11.3255



37.0371, 28.8401, 4.2874

Triad

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



46.0068, 28.8401, 11.3255



14.3513, 28.8401, 12.5296



27.8773, 28.8401, 117.3876

Complementary

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



46.0068, 28.8401, 11.3255



55.0210, 76.1235, 105.5589

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.



19.6176, 28.8401, 102.8494



46.0068, 28.8401, 11.3255



12.9685, 28.8401, 32.7469

Square

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



46.0068, 28.8401, 11.3255



18.9828, 28.8401, 4.6487



14.6542, 28.8401, 67.1262



38.0260, 28.8401, 99.9523

Rectangle

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



46.0068, 28.8401, 11.3255



30.1980, 28.8401, 2.9376



14.6542, 28.8401, 67.1262



24.8022, 28.8401, 116.0446

Sweetspot

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



46.0075, 28.8418, 11.3260



74.1604, 69.6623, 66.6642



60.9560, 34.0533, 92.4110



15.3454, 14.1425, 13.2058



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.



46.0075, 28.8418, 11.3260



43.1829, 24.2773, 5.2552



57.6090, 52.0448, 15.1931



18.0605, 18.0893, 18.6840



21.6217, 11.2547, 1.0328



2.1224, 1.1303, 0.1063

Inverse Universe

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



55.0210, 76.1235, 105.5589



52.7782, 74.8352, 106.2707



34.5184, 35.1183, 98.7247



18.4969, 20.3654, 23.2060



26.6821, 38.2738, 55.4159



2.6144, 3.7595, 5.4011

Previews

White Background



This preview shows how the XYZ color 46.0068, 28.8401, 11.3255 looks on a white background.

Color Contrast Check

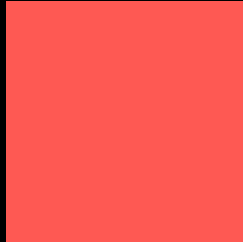
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.0068, 28.8401, 11.3255 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 46.0068, 28.8401, 11.3255

Background



This preview shows how black text looks on a background with the XYZ color 46.0068, 28.8401, 11.3255.



This preview shows how white text looks on a background with the XYZ color 46.0068, 28.8401,

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

46.0068, 28.8401, 11.3255

Protanopia

26.9292, 28.8468, 17.5133

Deuteranopia

29.4365, 28.9539, 10.5158



Tritanopia

46.3386, 28.8406, 13.4804

Trichromacy



Original Color

46.0068, 28.8401, 11.3255

Protanomaly

31.4836, 26.8678, 14.8359

Deuteranomaly

33.9091, 27.4760, 10.5374

Tritanomaly

46.1659, 28.7715, 12.5714

Monochromacy



Original Color

46.0068, 28.8401, 11.3255

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

28.8089, 24.4442, 20.3394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0068, 28.8401, 11.3255 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(254, 89, 83)` looks like.

```
.text, #text, p{  
    color:rgb(254, 89, 83)  
}
```

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(254, 89, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 89, 83) }
```

Border

The CSS property to change the border of an element to XYZ 46.0068, 28.8401, 11.3255 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(254, 89, 83) }
```


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

```
.border{ border-color:rgb(254, 89, 83) }
```

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

Here you see how a box with a 4 pixel rgb(254, 89, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 89, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 89, 83);  
box-shadow:4px 4px 4px 4px rgb(254, 89,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0068, 28.8401, 11.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 89, 83) }
```

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

```
.background{ background-color: rgb(254, 89,  
83) }
```

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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