

Converting Colors

XYZ(46.0404, 27.3818, 14.2585)

Have a look what the booklet for
XYZ(46.0404, 27.3818, 14.2585)
contains.

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Color

**XYZ(46.0515, 27.4308,
14.1768)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4D61
RGB	255, 77, 97
RGB Percent	100%, 30%, 38%
CMY	0.0000, 0.6980, 0.6196
CMYK	0.00, 0.70, 0.62, 0.00
HSL	353°, 100%, 65%
HSV	353°, 70%, 100%
XYZ	46.0515, 27.4308, 14.1768
YIQ	132.5020, 99.6680, 43.9560

Conversions

Conversions Part 2

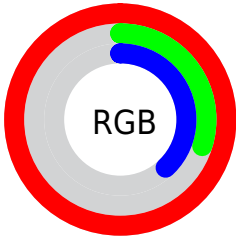
Format	Color
R_{YB}	255, 77, 97
Decimal	16731489
CIE _{Lab}	59.37, 67.83, 28.58
CIE _{LCh}	59, 73.610, 22.848
Yxy	27.4308, 0.5253, 0.3129
Android (android.graphics.Color)	4294921569 (0xFFFF4D61)
YUV	132.5020, -17.5025, 107.4307
Hunter-Lab	52.3744, 65.2953, 20.6134

Details

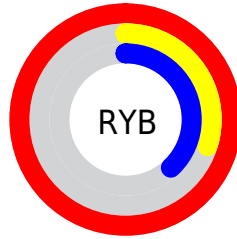
The XYZ color **46.0515, 27.4308, 14.1768** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed rose. A complement of this color would be **53.8182, 79.0966, 91.0359**, and the grayscale version is **22.1513, 23.3049, 25.3790**.

A 20% lighter version of the original color is **55.3106, 40.9749, 32.5975**, and **22.0834, 11.3154, 4.1521** is the 20% darker color. If you saturate the color by 10%, you get **43.6944, 24.1719, 8.9059**, and if you desaturate by 10%, it is **49.4097, 32.2108, 21.2672**.

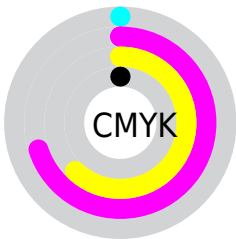
Distribution



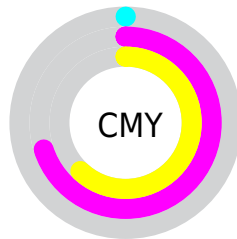
- Red (100%)
- Green (30%)
- Blue (38%)



- Red (100%)
- Yellow (30%)
- Blue (38%)



- Cyan (0%)
- Magenta (70%)
- Yellow (62%)
- Black (0%)





- Cyan (0%)
- Magenta (70%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0515, 27.4308, 14.1768 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 46.0515, 27.4308, 14.1768 by changing the saturation by 10% instead.


 46.0515, 27.4308,
14.1768


 46.0515, 27.4308,
14.1768

361.7281,
289.7370, 229.7945


 32.4913, 17.8970,
8.1036


 83.5235, 55.5744,
34.1240

 21.8944, 10.8761,
4.0726


 108.1659, 74.9530,
48.8351

 13.8955, 5.9836,
1.6652


 137.2331, 98.3820,
67.2626

 8.1292, 2.8351,
0.3368


 171.0904,
126.2458, 89.8250

 4.2302, 1.0463,
0.0000

210.1032,
158.9288, 116.9408

 1.8332, 0.0000,
0.0000

254.6369,

 0.5376, 0.0000,

196.8154, 149.0287

0.0000

305.0567,
240.2900, 186.5071

■ 0.0000, 0.0000,
0.0000

■ 46.0515, 27.4308,
14.1768

■ 46.0515, 27.4308,
14.1768

■ 43.6944, 24.1719,
8.9059

■ 49.4097, 32.2108,
21.2672

■ 42.2231, 22.2447,
5.2851

■ 53.8635, 38.6625,
30.3226

■ 41.4682, 21.3601,
3.1057

■ 59.4982, 46.9236,
41.4753

■ 41.4570, 21.3468,
3.0743

■ 66.3904, 57.1161,
54.8458

■ 74.6099, 69.3515,
70.5453

 84.2218, 83.7328,
88.6775

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



47.9061, 27.4308, 36.6432



46.0515, 27.4308, 14.1768



38.3068, 27.4308, 4.9292

Triad

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



46.0515, 27.4308, 14.1768



14.3442, 27.4308, 8.5050



23.9272, 27.4308, 113.8356

Complementary

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



46.0515, 27.4308, 14.1768



53.8182, 79.0966, 91.0359

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.



16.7668, 27.4308, 91.3338



46.0515, 27.4308, 14.1768



12.1448, 27.4308, 23.9832

Square

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



46.0515, 27.4308, 14.1768



19.7785, 27.4308, 3.2618



12.9131, 27.4308, 54.2271



33.5766, 27.4308, 105.3051

Rectangle

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



46.0515, 27.4308, 14.1768



31.6557, 27.4308, 2.8834



12.9131, 27.4308, 54.2271



21.1871, 27.4308, 109.3514

Sweetspot

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



46.0522, 27.4324, 14.1772



73.5510, 67.7711, 68.5339



54.7132, 30.0615, 97.5258



15.2377, 13.7528, 13.7072



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.



46.0522, 27.4324, 14.1772



42.9760, 23.2121, 7.1944



52.7419, 42.1202, 12.3736



18.0923, 18.0202, 19.1032



21.6886, 11.1647, 1.7448



2.1374, 1.0973, 0.3047

Inverse Universe

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



46.0522, 27.4324, 14.1772



42.9760, 23.2121, 7.1944



38.8332, 44.2417, 101.0999



18.0923, 18.0202, 19.1032



21.6886, 11.1647, 1.7448



2.1374, 1.0973, 0.3047

Previews

White Background



This preview shows how the XYZ color 46.0515, 27.4308, 14.1768 looks on a white background.

Color Contrast Check

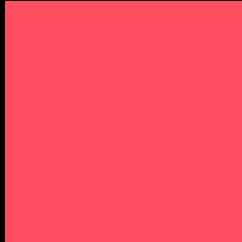
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.0515, 27.4308, 14.1768 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 46.0515, 27.4308, 14.1768

Background



This preview shows how black text looks on a background with the XYZ color 46.0515, 27.4308, 14.1768.



This preview shows how white text looks on a background with the XYZ color 46.0515, 27.4308,

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

46.0515, 27.4308, 14.1768

Protanopia

26.1018, 27.6096, 23.3555

Deuteranopia

27.9407, 27.4801, 13.0641



Tritanopia

45.2304, 27.2873, 11.0667

Trichromacy



Original Color

46.0515, 27.4308, 14.1768

Protanomaly

30.4304, 25.1228, 19.4650

Deuteranomaly

32.6477, 25.7133, 13.1400

Tritanomaly

45.3589, 27.2242, 12.0966

Monochromacy



Original Color

46.0515, 27.4308, 14.1768

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

27.4268, 22.5134, 20.6693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0515, 27.4308, 14.1768 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, 77, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 97)  
}
```

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, 77, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 97) }
```

Border

The CSS property to change the border of an element to XYZ 46.0515, 27.4308, 14.1768 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, 77, 97) }
```


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

```
.border{ border-color:rgb(255, 77, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 77, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0515, 27.4308, 14.1768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 77, 97) }
```

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

```
.background{ background-color: rgb(255, 77,  
97) }
```

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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