

Converting Colors

XYZ(45.9913, 27.1468, 14.6611)

Have a look what the booklet for
XYZ(45.9913, 27.1468, 14.6611)
contains.

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Color

**XYZ(46.0082, 27.1930,
14.6283)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4B63
RGB	255, 75, 99
RGB Percent	100%, 29%, 39%
CMY	0.0000, 0.7058, 0.6118
CMYK	0.00, 0.71, 0.61, 0.00
HSL	352°, 100%, 65%
HSV	352°, 71%, 100%
XYZ	46.0082, 27.1930, 14.6283
YIQ	131.5560, 99.5760, 45.6240

Conversions

Conversions Part 2

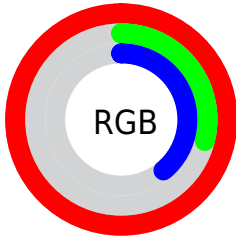
Format	Color
R_{YB}	255, 75, 99
Decimal	16730979
CIE Lab	59.15, 68.65, 27.14
CIE LCh	59, 73.823, 21.570
Yxy	27.1930, 0.5238, 0.3096
Android (android.graphics.Color)	4294921059 (0xFFFF4B63)
YUV	131.5560, -16.0501, 108.2604
Hunter-Lab	52.1469, 66.2300, 19.8707

Details

The XYZ color **46.0082, 27.1930, 14.6283** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **53.0878, 78.7861, 88.0186**, and the grayscale version is **21.8049, 22.9404, 24.9821**.

A 20% lighter version of the original color is **55.4090, 40.7900, 33.8070**, and **22.1285, 11.3334, 4.3894** is the 20% darker color. If you saturate the color by 10%, you get **43.6956, 24.0340, 9.3386**, and if you desaturate by 10%, it is **49.3037, 31.8558, 21.6722**.

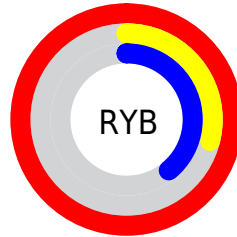
Distribution



Red (100%)

Green (29%)

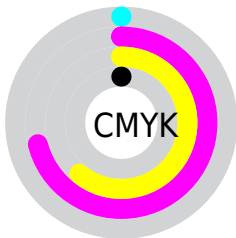
Blue (39%)



Red (100%)

Yellow (29%)

Blue (39%)

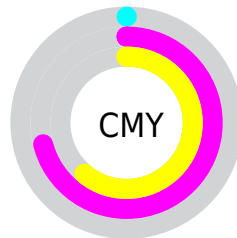


Cyan (0%)

Magenta (71%)

Yellow (61%)

Black (0%)



Cyan (0%)


Magenta (71%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0082, 27.1930, 14.6283 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 46.0082, 27.1930, 14.6283 by changing the saturation by 10% instead.


 46.0082, 27.1930,
14.6283


 46.0082, 27.1930,
14.6283

361.5570,
288.5904, 232.6680


 32.4569, 17.7182,
8.4152


 83.4591, 55.1934,
34.9328


 21.8680, 10.7479,
4.2702


 108.0894, 74.4878,
49.8613

 13.8760, 5.8976,
1.7747


 137.1434, 97.8243,
68.5320

 8.1156, 2.7829,
0.4112

 170.9865,
125.5871, 91.3635

 4.2214, 1.0195,
0.0000

209.9841,
158.1608, 118.7744

 1.8282, 0.0000,
0.0000

254.5015,

 0.5345, 0.0000,

195.9296, 151.1830

0.0000

304.9040,
239.2780, 189.0080

■ 0.0000, 0.0000,
0.0000

■ 46.0082, 27.1930,
14.6283

■ 46.0082, 27.1930,
14.6283

■ 43.6956, 24.0340,
9.3386

■ 49.3037, 31.8558,
21.6722

■ 42.2514, 22.1876,
5.6448


■ 53.6755, 38.1741,
30.6068

■ 41.5283, 21.3753,
3.4494

■ 59.2083, 46.2860,
41.5564

■ 65.9775, 56.3142,
54.6343

■ 74.0522, 68.3703,
69.9454

 83.4964, 82.5573,
87.5873

94.3699, 98.9713,
107.6523

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.



47.5626, 27.1930, 37.6647



46.0082, 27.1930, 14.6283



38.4588, 27.1930, 5.0258

Triad

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



46.0082, 27.1930, 14.6283



14.3277, 27.1930, 7.9773



23.3411, 27.1930, 113.1831

Complementary

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



46.0082, 27.1930, 14.6283



53.0878, 78.7861, 88.0186

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.



16.3451, 27.1930, 89.5791



46.0082, 27.1930, 14.6283



12.0108, 27.1930, 22.7918

Square

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



46.0082, 27.1930, 14.6283



19.8788, 27.1930, 3.0772



12.6497, 27.1930, 52.3828



32.9020, 27.1930, 106.0124

Rectangle

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



46.0082, 27.1930, 14.6283



31.8449, 27.1930, 2.8722



12.6497, 27.1930, 52.3828



20.6524, 27.1930, 108.2475

Sweetspot

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



46.0088, 27.1946, 14.6287



73.6893, 67.8264, 69.2619



53.5222, 29.2429, 97.4307



15.2699, 13.7656, 13.8767



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.



46.0088, 27.1946, 14.6287



42.9584, 23.0692, 7.5206



52.0362, 40.8200, 11.7953



18.1079, 18.0265, 19.1854



21.7296, 11.1811, 1.9605



2.1447, 1.1002, 0.3433

Inverse Universe

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



46.0088, 27.1946, 14.6287



42.9584, 23.0692, 7.5206



39.1510, 45.1133, 101.2515



18.1079, 18.0265, 19.1854



21.7296, 11.1811, 1.9605



2.1447, 1.1002, 0.3433

Previews

White Background



This preview shows how the XYZ color 46.0082, 27.1930, 14.6283 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 46.0082, 27.1930, 14.6283 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 46.0082, 27.1930, 14.6283

Background



This preview shows how black text looks on a background with the XYZ color 46.0082, 27.1930, 14.6283.



This preview shows how white text looks on a background with the XYZ color 46.0082, 27.1930,

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

46.0082, 27.1930, 14.6283

Protanopia

25.7820, 27.2004, 24.3134

Deuteranopia

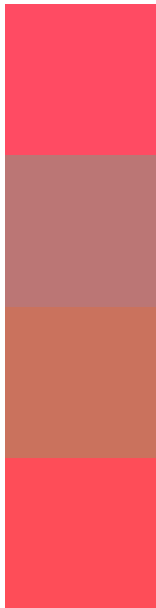
27.6629, 27.1172, 13.4490



Tritanopia

45.1204, 27.1288, 10.8409

Trichromacy



Original Color

46.0082, 27.1930, 14.6283

Protanomaly

30.1828, 24.8060, 20.0269

Deuteranomaly

32.3502, 25.3815, 13.5500

Tritanomaly

45.2884, 27.0832, 12.0731

Monochromacy



Original Color

46.0082, 27.1930, 14.6283

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

27.2061, 22.0721, 20.5957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0082, 27.1930, 14.6283 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, 75, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 75, 99)  
}
```

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, 75, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 75, 99) }
```

Border

The CSS property to change the border of an element to XYZ 46.0082, 27.1930, 14.6283 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, 75, 99) }
```


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

```
.border{ border-color:rgb(255, 75, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 75, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 75, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 75, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 75,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0082, 27.1930, 14.6283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 75, 99) }
```

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

```
.background{ background-color: rgb(255, 75,  
99) }
```

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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