

Converting Colors

XYZ(46.0725, 27.2041, 15.0118)

Have a look what the booklet for
XYZ(46.0725, 27.2041, 15.0118)
contains.

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Color

**XYZ(46.1050, 27.2317,
15.1382)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4B65
RGB	255, 75, 101
RGB Percent	100%, 29%, 40%
CMY	0.0000, 0.7058, 0.6039
CMYK	0.00, 0.71, 0.60, 0.00
HSL	351°, 100%, 65%
HSV	351°, 71%, 100%
XYZ	46.1050, 27.2317, 15.1382
YIQ	131.7840, 98.9340, 46.2460

Conversions

Conversions Part 2

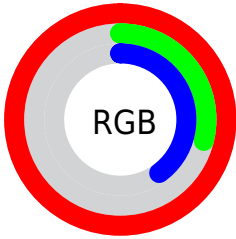
Format	Color
R_{YB}	255, 75, 101
Decimal	16730981
CIE Lab	59.19, 68.77, 26.02
CIE LCh	59, 73.534, 20.727
Yxy	27.2317, 0.5211, 0.3078
Android (android.graphics.Color)	4294921061 (0xFFFF4B65)
YUV	131.7840, -15.1765, 108.0604
Hunter-Lab	52.1840, 66.3842, 19.3292

Details

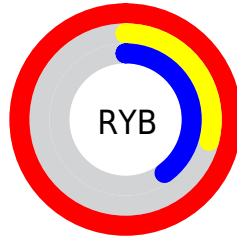
The XYZ color **46.1050, 27.2317, 15.1382** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **52.8067, 78.6737, 86.5389**, and the grayscale version is **21.8840, 23.0236, 25.0727**.

A 20% lighter version of the original color is **55.5715, 40.8549, 34.6626**, and **22.1754, 11.3522, 4.6368** is the 20% darker color. If you saturate the color by 10%, you get **43.7776, 24.0668, 9.7701**, and if you desaturate by 10%, it is **49.4100, 31.8983, 22.2322**.

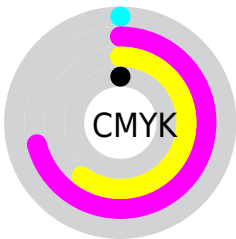
Distribution



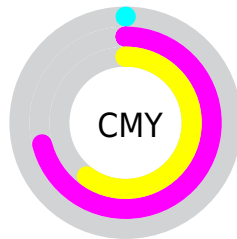
- Red (100%)
- Green (29%)
- Blue (40%)



- Red (100%)
- Yellow (29%)
- Blue (40%)



- Cyan (0%)
- Magenta (71%)
- Yellow (60%)
- Black (0%)





- Cyan (0%)
- Magenta (71%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.1050, 27.2317, 15.1382 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 46.1050, 27.2317, 15.1382 by changing the saturation by 10% instead.


 46.1050, 27.2317,
15.1382


 46.1050, 27.2317,
15.1382


361.9395,
288.7772, 235.8707


 32.5337, 17.7473,
8.7687


 83.6030, 55.2554,
35.8412


 21.9270, 10.7687,
4.4959


 108.2604, 74.5636,
51.0118

 13.9195, 5.9115,
1.9011


 137.3439, 97.9151,
69.9531

 8.1461, 2.7914,
0.4935

 171.2187,
125.6944, 93.0838

 4.2411, 1.0238,
0.0000

210.2504,
158.2859, 120.8224

 1.8394, 0.0000,
0.0000

254.8041,

 0.5413, 0.0000,

196.0739, 153.5874

0.0000

305.2454,
239.4429, 191.7973

■ 0.0000, 0.0000,
0.0000

■ 46.1050, 27.2317,
15.1382

■ 46.1050, 27.2317,
15.1382

■ 43.7776, 24.0668,
9.7701

■ 49.4100, 31.8983,
22.2322

■ 42.3143, 22.2127,
5.9761


■ 53.7850, 38.2178,
31.1834

■ 41.5709, 21.3923,
3.6736

■ 59.3137, 46.3281,
42.1115

■ 66.0708, 56.3515,
55.1258

■ 74.1247, 68.3992,
70.3275

 83.5389, 82.5742,
87.8113

94.3724, 98.9722,
107.6661

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.



47.4553, 27.2317, 38.5472



46.1050, 27.2317, 15.1382



38.7141, 27.2317, 5.2316

Triad

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



46.1050, 27.2317, 15.1382



14.4994, 27.2317, 7.8066



23.1465, 27.2317, 112.5292

Complementary

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



46.1050, 27.2317, 15.1382



52.8067, 78.6737, 86.5389

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.



16.2554, 27.2317, 88.3748



46.1050, 27.2317, 15.1382



12.0980, 27.2317, 22.2406

Square

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



46.1050, 27.2317, 15.1382



20.1349, 27.2317, 3.0681



12.6544, 27.2317, 51.3332



32.6324, 27.2317, 106.3062

Rectangle

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



46.1050, 27.2317, 15.1382



32.1446, 27.2317, 2.9726



12.6544, 27.2317, 51.3332



20.4923, 27.2317, 107.3353

Sweetspot

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



46.1057, 27.2333, 15.1386



73.7629, 67.8559, 69.6497



52.5621, 28.7479, 97.3857



15.2871, 13.7725, 13.9670



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.



46.1057, 27.2333, 15.1386



43.0324, 23.0988, 7.9101



51.5997, 39.9472, 11.6498



18.1162, 18.0298, 19.2291



21.7538, 11.1908, 2.0881



2.1486, 1.1018, 0.3638

Inverse Universe

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



46.1057, 27.2333, 15.1386



43.0324, 23.0988, 7.9101



39.8030, 46.4173, 101.4687



18.1162, 18.0298, 19.2291



21.7538, 11.1908, 2.0881



2.1486, 1.1018, 0.3638

Previews

White Background



This preview shows how the XYZ color 46.1050, 27.2317, 15.1382 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 46.1050, 27.2317, 15.1382 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 46.1050, 27.2317, 15.1382

Background



This preview shows how black text looks on a background with the XYZ color 46.1050, 27.2317, 15.1382.



This preview shows how white text looks on a background with the XYZ color 46.1050, 27.2317,

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

46.1050, 27.2317, 15.1382

Protanopia

25.9825, 27.2806, 25.3690

Deuteranopia

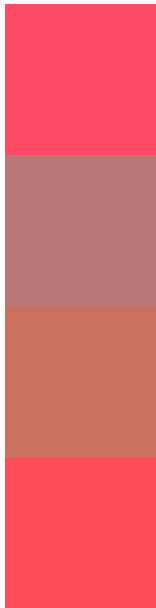
27.7492, 27.1517, 13.9035



Tritanopia

45.1204, 27.1288, 10.8409

Trichromacy



Original Color

46.1050, 27.2317, 15.1382

Protanomaly

30.3621, 24.8777, 20.9709

Deuteranomaly

32.4400, 25.4174, 14.0227

Tritanomaly

45.3301, 27.0999, 12.2928

Monochromacy



Original Color

46.1050, 27.2317, 15.1382

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

27.2671, 22.0965, 20.9171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1050, 27.2317, 15.1382 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(255, 75, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 75, 101) }
```

Border

The CSS property to change the border of an element to XYZ 46.1050, 27.2317, 15.1382 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, 101) }
```


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

```
.border{ border-color:rgb(255, 75, 101) }
```

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, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 75, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 75, 101);  
box-shadow:4px 4px 4px 4px rgb(255, 75,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1050, 27.2317, 15.1382 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, 101) }
```

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

```
.background{ background-color: rgb(255, 75,  
101) }
```

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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