

Converting Colors

XYZ(46.6062, 28.2341, 15.3052)

Have a look what the booklet for
XYZ(46.6062, 28.2341, 15.3052)
contains.

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Color

**XYZ(46.6063, 28.2342,
15.3052)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5265
RGB	255, 82, 101
RGB Percent	100%, 32%, 40%
CMY	0.0000, 0.6784, 0.6039
CMYK	0.00, 0.68, 0.60, 0.00
HSL	353°, 100%, 66%
HSV	353°, 68%, 100%
XYZ	46.6063, 28.2342, 15.3052
YIQ	135.8930, 97.0090, 42.5850

Conversions

Conversions Part 2

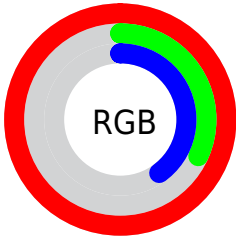
Format	Color
R_{YB}	255, 82, 101
Decimal	16732773
CIE Lab	60.10, 66.26, 27.22
CIE LCh	60, 71.636, 22.329
Yxy	28.2342, 0.5170, 0.3132
Android (android.graphics.Color)	4294922853 (0xFFFF5265)
YUV	135.8930, -17.2022, 104.4568
Hunter-Lab	53.1359, 63.5774, 20.1173

Details

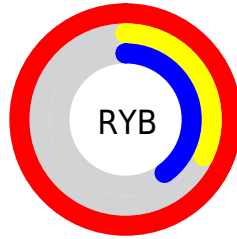
The XYZ color **46.6063, 28.2342, 15.3052** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **54.3824, 79.3708, 91.8187**, and the grayscale version is **23.4002, 24.6188, 26.8099**.

A 20% lighter version of the original color is **56.2856, 42.2832, 34.9007**, and **22.1754, 11.3522, 4.6368** is the 20% darker color. If you saturate the color by 10%, you get **44.0648, 24.6925, 9.7078**, and if you desaturate by 10%, it is **50.1702, 33.3299, 22.7590**.

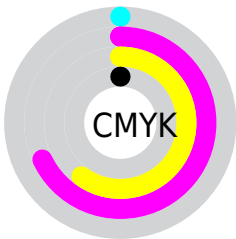
Distribution



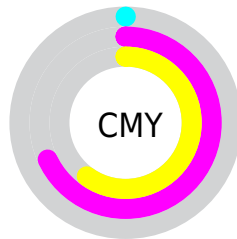
- Red (100%)
- Green (32%)
- Blue (40%)



- Red (100%)
- Yellow (32%)
- Blue (40%)



- Cyan (0%)
- Magenta (68%)
- Yellow (60%)
- Black (0%)





- Cyan (0%)
- Magenta (68%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.6063, 28.2342, 15.3052 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 46.6063, 28.2342, 15.3052 by changing the saturation by 10% instead.


 46.6063, 28.2342,
15.3052


 46.6063, 28.2342,
15.3052


363.9161,
293.5843, 236.9102

 32.9312, 18.5023,
8.8849


 84.3480, 56.8581,
36.1376

 22.2327, 11.3112,
4.5704


 109.1452, 76.5189,
51.3867

 14.1455, 6.2766,
1.9432


 138.3806,
100.2582, 70.4158

 8.3043, 3.0140,
0.5200

 172.4194,
128.4602, 93.6434

 4.3437, 1.1390,
0.0000

211.6270,
161.5094, 121.4881

 1.8984, 0.0110,
0.0000

256.3687,

 0.5759, 0.0000,

199.7903, 154.3685

0.0000

307.0099,
243.6871, 192.7030

■ 0.0000, 0.0000,
0.0000

■ 46.6063, 28.2342,
15.3052

■ 46.6063, 28.2342,
15.3052

■ 44.0648, 24.6925,
9.7078

■ 50.1702, 33.3299,
22.7590

■ 42.4342, 22.5221,
5.8008

■ 54.8486, 40.1259,
32.2127


■ 41.5727, 21.4888,
3.3880

■ 60.7252, 48.7569,
43.7972

■ 41.4493, 21.3437,
3.0332

■ 67.8753, 59.3426,
57.6321

■ 76.3681, 71.9930,
73.8277

 86.2674, 86.8094,
92.4872

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.



48.3041, 28.2342, 37.9650



46.6063, 28.2342, 15.3052



39.0784, 28.2342, 5.6286

Triad

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



46.6063, 28.2342, 15.3052



15.1859, 28.2342, 9.0954



24.5567, 28.2342, 112.5185

Complementary

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



46.6063, 28.2342, 15.3052



54.3824, 79.3708, 91.8187

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.



17.4612, 28.2342, 90.3055



46.6063, 28.2342, 15.3052



12.9102, 28.2342, 24.4991

Square

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



46.6063, 28.2342, 15.3052



20.6947, 28.2342, 3.7277



13.6363, 28.2342, 54.1162



34.0854, 28.2342, 104.8044

Rectangle

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



46.6063, 28.2342, 15.3052



32.5343, 28.2342, 3.3952



13.6363, 28.2342, 54.1162



21.8448, 28.2342, 108.0078

Sweetspot

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



46.6070, 28.2358, 15.3057



74.4157, 69.0789, 70.1221



55.2688, 30.8874, 97.6562



15.4053, 14.0066, 14.0140



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.



46.6070, 28.2358, 15.3057



43.4567, 23.8674, 8.2984



53.4040, 43.1507, 13.4992



18.0904, 18.0195, 19.0933



21.6841, 11.1629, 1.7209



2.1365, 1.0970, 0.3001

Inverse Universe

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



46.6070, 28.2358, 15.3057



43.4567, 23.8674, 8.2984



39.6610, 45.2752, 101.2560



18.0904, 18.0195, 19.0933



21.6841, 11.1629, 1.7209



2.1365, 1.0970, 0.3001

Previews

White Background



This preview shows how the XYZ color 46.6063, 28.2342, 15.3052 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 46.6063, 28.2342, 15.3052 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 46.6063, 28.2342, 15.3052

Background



This preview shows how black text looks on a background with the XYZ color 46.6063, 28.2342, 15.3052.



This preview shows how white text looks on a background with the XYZ color 46.6063, 28.2342,

15.3052.

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

46.6063, 28.2342, 15.3052

Protanopia

27.0367, 28.5112, 24.8471

Deuteranopia

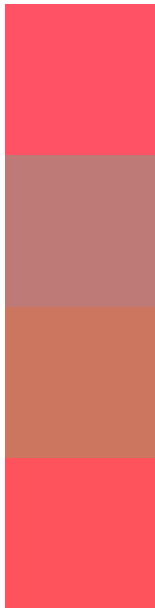
28.8436, 28.3519, 14.0775



Tritanopia

45.8465, 28.1327, 12.4650

Trichromacy



Original Color

46.6063, 28.2342, 15.3052

Protanomaly

31.2756, 26.0698, 20.8363

Deuteranomaly

33.4458, 26.6205, 14.2019

Tritanomaly

45.9421, 28.0477, 13.3482

Monochromacy



Original Color

46.6063, 28.2342, 15.3052

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

28.4109, 23.5045, 21.7783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6063, 28.2342, 15.3052 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, 82, 101)` looks like.

```
.text, #text, p{  
    color:rgb(255, 82, 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, 82, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 82, 101) }
```

Border

The CSS property to change the border of an element to XYZ 46.6063, 28.2342, 15.3052 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, 82, 101) }
```


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

```
.border{ border-color:rgb(255, 82, 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, 82, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 82, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 82, 101); box-shadow:4px 4px 4px 4px rgb(255, 82, 101) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6063, 28.2342, 15.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 82, 101) }
```

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

```
.background{ background-color: rgb(255, 82,  
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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