

Converting Colors

XYZ(47.0549, 30.5984, 16.2580)

Have a look what the booklet for
XYZ(47.0549, 30.5984, 16.2580)
contains.

| | |
|--|----|
| XYZ(47.0549, 30.5984, 16.2580) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(47.0549, 30.5984,
16.2580)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FC6367 |
| RGB | 252, 99, 103 |
| RGB Percent | 99%, 39%, 40% |
| CMY | 0.0118, 0.6117, 0.5961 |
| CMYK | 0.00, 0.61, 0.59, 0.01 |
| HSL | 358°, 96%, 69% |
| HSV | 358°, 61%, 99% |
| XYZ | 47.0549, 30.5984, 16.2580 |
| YIQ | 145.2030, 89.9040, 33.6800 |

Conversions

Conversions Part 2

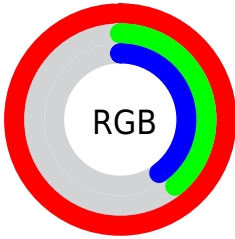
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 252, 99, 103 |
| Decimal | 16540519 |
| CIE Lab | 62.17, 58.61, 28.67 |
| CIE LCh | 62, 65.249, 26.062 |
| Yxy | 30.5984, 0.5011, 0.3258 |
| Android (android.graphics.Color) | 4294730599 (0xFFFC6367) |
| YUV | 145.2030, -20.8061, 93.6610 |
| Hunter-Lab | 55.3158, 55.0399, 21.2950 |

Details

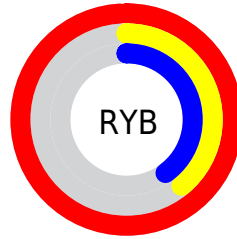
The XYZ color **47.0549, 30.5984, 16.2580** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **56.9014, 79.0514, 101.0728**, and the grayscale version is **27.0538, 28.4627, 30.9959**.

A 20% lighter version of the original color is **58.7941, 47.0358, 36.5519**, and **22.4256, 12.5554, 4.9829** is the 20% darker color. If you saturate the color by 10%, you get **43.9724, 26.1242, 10.0191**, and if you desaturate by 10%, it is **51.2449, 36.7097, 24.6496**.

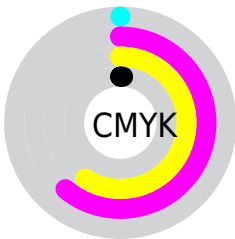
Distribution



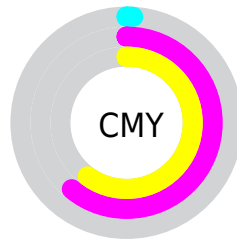
- Red (99%)
- Green (39%)
- Blue (40%)



- Red (99%)
- Yellow (39%)
- Blue (40%)



- Cyan (0%)
- Magenta (61%)
- Yellow (59%)
- Black (1%)





- Cyan (1%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0549, 30.5984, 16.2580 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 47.0549, 30.5984, 16.2580 by changing the saturation by 10% instead.


 47.0549, 30.5984,
16.2580


 47.0549, 30.5984,
16.2580

365.6789,
304.6839, 242.7568


 33.2872, 20.2932,
9.5506


 85.0138, 60.6072,
37.8185


 22.5068, 12.6084,
5.0003


 109.9357, 81.0797,
53.5087

 14.3485, 7.1594,
2.1887


 139.3064,
105.7100, 73.0302

 8.4467, 3.5620,
0.6678

 173.4912,
134.8827, 96.8016

 4.4363, 1.4317,
0.0000

212.8555,
168.9820, 125.2415

 1.9518, 0.2399,
0.0000

257.7646,

 0.6067, 0.0000,

208.3923, 158.7682

0.0000

308.5840,
253.4982, 197.8005

■ 0.0000, 0.0000,
0.0000

■ 47.0549, 30.5984,
16.2580

■ 47.0549, 30.5984,
16.2580

■ 43.9724, 26.1242,
10.0191

■ 51.2449, 36.7097,
24.6496

■ 41.8906, 23.1250,
5.7354

■ 56.6315, 44.5898,
35.3645

■ 40.6857, 21.4151,
3.1759

■ 63.2975, 54.3629,
48.5580

■ 40.1807, 20.7097,
2.0684

■ 71.3175, 66.1407,
64.3714

■ 80.7605, 80.0260,
82.9355

91.6908, 96.1148,
104.3723

93.9547, 99.4353,
108.8487

Harmonies

Analogous

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



49.4059, 30.5984, 36.7514



47.0549, 30.5984, 16.2580



39.5727, 30.5984, 7.1365

Triad

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



47.0549, 30.5984, 16.2580



17.1965, 30.5984, 12.9449



27.9379, 30.5984, 108.6639

Complementary

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



47.0549, 30.5984, 16.2580



56.9014, 79.0514, 101.0728

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.



20.6328, 30.5984, 91.7477



47.0549, 30.5984, 16.2580



15.2733, 30.5984, 30.1025

Square

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



47.0549, 30.5984, 16.2580



22.2732, 30.5984, 6.0117



16.3919, 30.5984, 59.4192



37.1557, 30.5984, 98.4328

Rectangle

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



47.0549, 30.5984, 16.2580



33.3455, 30.5984, 4.9631



16.3919, 30.5984, 59.4192



25.1999, 30.5984, 105.8072

Sweetspot

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



47.0556, 30.6001, 16.2585



75.7350, 71.5780, 70.9916



60.3558, 35.7096, 95.8065



15.6407, 14.4833, 14.0740



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.



47.0556, 30.6001, 16.2585



44.5851, 25.9883, 9.0932



56.8480, 50.4978, 18.5576



17.2630, 17.2325, 17.9746



20.9389, 10.7913, 1.1207



1.9456, 1.0020, 0.1367

Inverse Universe

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



47.0556, 30.6001, 16.2585



44.5851, 25.9883, 9.0932



39.1607, 42.5684, 98.2475



17.2630, 17.2325, 17.9746



20.9389, 10.7913, 1.1207



1.9456, 1.0020, 0.1367

Previews

White Background



This preview shows how the XYZ color 47.0549, 30.5984, 16.2580 looks on a white background.

Color Contrast Check

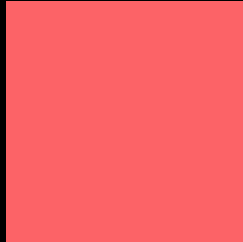
Large Text (above 18pt) WCAG AA × Fail

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 47.0549, 30.5984, 16.2580 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.0549, 30.5984, 16.2580

Background



This preview shows how black text looks on a background with the XYZ color 47.0549, 30.5984, 16.2580.



This preview shows how white text looks on a background with the XYZ color 47.0549, 30.5984,

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

47.0549, 30.5984, 16.2580

Protanopia

28.9061, 30.6643, 23.7973

Deuteranopia

31.3760, 30.7361, 15.3453



Tritanopia

47.1565, 30.6390, 16.7931

Trichromacy



Original Color

47.0549, 30.5984, 16.2580

Protanomaly

33.3195, 28.8544, 20.6430

Deuteranomaly

35.7034, 29.6046, 15.6369

Tritanomaly

47.1054, 30.6186, 16.5240

Monochromacy



Original Color

47.0549, 30.5984, 16.2580

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

31.5156, 27.2404, 24.7160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0549, 30.5984, 16.2580 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(252, 99, 103)` looks like.

```
.text, #text, p{  
    color:rgb(252, 99, 103)  
}
```

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(252, 99, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 99, 103) }
```

Border

The CSS property to change the border of an element to XYZ 47.0549, 30.5984, 16.2580 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(252, 99, 103) }
```


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

```
.border{ border-color:rgb(252, 99, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 99, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 99, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 99, 103);  
box-shadow:4px 4px 4px 4px rgb(252, 99,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0549, 30.5984, 16.2580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 99, 103) }
```

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

```
.background{ background-color: rgb(252, 99,  
103) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor