

Converting Colors

XYZ(64.0298, 38.3748, 16.9394)

Have a look what the booklet for
XYZ(64.0298, 38.3748, 16.9394)
contains.

XYZ(47.5153, 29.8936, 16.0977)	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(47.5153, 29.8936,
16.0977)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5C67
RGB	255, 92, 103
RGB Percent	100%, 36%, 40%
CMY	0.0000, 0.6392, 0.5961
CMYK	0.00, 0.64, 0.60, 0.00
HSL	356°, 100%, 68%
HSV	356°, 64%, 100%
XYZ	47.5153, 29.8936, 16.0977
YIQ	141.9910, 93.6170, 37.9770

Conversions

Conversions Part 2

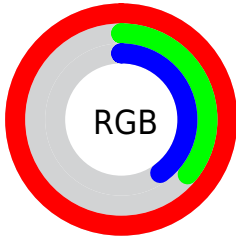
Format	Color
R_{YB}	255, 92, 103
Decimal	16735335
CIE _{Lab}	61.56, 62.51, 27.97
CIE _{LCh}	62, 68.481, 24.110
Yxy	29.8936, 0.5081, 0.3197
Android (android.graphics.Color)	4294925415 (0xFFFF5C67)
YUV	141.9910, -19.2226, 99.1089
Hunter-Lab	54.6750, 59.4440, 20.8161

Details

The XYZ color **47.5153, 29.8936, 16.0977** 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 **56.5050, 80.3276, 98.1218**, and the grayscale version is **25.7568, 27.0981, 29.5099**.

A 20% lighter version of the original color is **57.8202, 45.0880, 36.2272**, and **22.8214, 12.2308, 4.8993** is the 20% darker color. If you saturate the color by 10%, you get **44.6372, 25.7840, 10.0634**, and if you desaturate by 10%, it is **51.4772, 35.6284, 24.1679**.

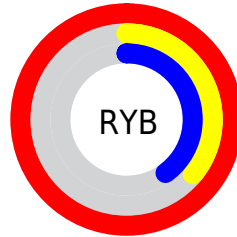
Distribution



Red (100%)

Green (36%)

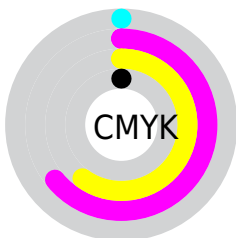
Blue (40%)



Red (100%)

Yellow (36%)

Blue (40%)

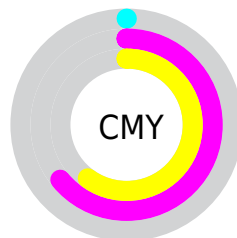


Cyan (0%)

Magenta (64%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (64%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5153, 29.8936, 16.0977 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 47.5153, 29.8936, 16.0977 by changing the saturation by 10% instead.


 47.5153, 29.8936,
16.0977

 47.5153, 29.8936,
16.0977

367.4823,
301.4082, 241.7829


 33.6529, 19.7578,
9.4382

 85.6964, 59.4939,
37.5369

 22.7887, 12.2191,
4.9274


 110.7457, 79.7272,
53.1537

 14.5574, 6.8931,
2.1467


 140.2547,
104.0951, 72.5933

 8.5936, 3.3953,
0.6434

 174.5887,
132.9821, 96.2743

 4.5321, 1.3414,
0.0000

214.1132,
166.7725, 124.6152

 2.0073, 0.1730,
0.0000

259.1933,

 0.6381, 0.0000,

205.8507, 158.0346

0.0000

310.1946,
250.6011, 196.9510

■ 0.0000, 0.0000,
0.0000

■ 47.5153, 29.8936,
16.0977

■ 47.5153, 29.8936,
16.0977

■ 44.6372, 25.7840,
10.0634

■ 51.4772, 35.6284,
24.1679

■ 42.7332, 23.1266,
5.8815

■ 56.6141, 43.1281,
34.4326

■ 41.6740, 21.7186,
3.3380

■ 63.0102, 52.5233,
47.0366

■ 41.3424, 21.3009,
2.4708

■ 70.7410, 63.9309,
62.1118

■ 79.8764, 77.4583,
79.7803

90.4813, 93.2053,
100.1561

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.



49.5601, 29.8936, 37.9549



47.5153, 29.8936, 16.0977



39.9269, 29.8936, 6.5208

Triad

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



47.5153, 29.8936, 16.0977



16.4853, 29.8936, 11.1545



26.6586, 29.8936, 111.9289

Complementary

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



47.5153, 29.8936, 16.0977



56.5050, 80.3276, 98.1218

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.



19.3572, 29.8936, 92.1906



47.5153, 29.8936, 16.0977



14.3435, 29.8936, 27.6826

Square

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



47.5153, 29.8936, 16.0977



21.8608, 29.8936, 4.9169



15.2700, 29.8936, 57.5461



36.1587, 29.8936, 102.8493

Rectangle

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



47.5153, 29.8936, 16.0977



33.4665, 29.8936, 4.2538



15.2700, 29.8936, 57.5461



23.8956, 29.8936, 108.2190

Sweetspot

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



47.5160, 29.8953, 16.0982



75.0540, 70.3119, 70.4691



58.2960, 33.6503, 98.0297



15.5188, 14.2417, 14.0263



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.



47.5160, 29.8953, 16.0982



43.9521, 24.8185, 8.5860



55.7293, 47.1475, 16.2908



18.0590, 18.0069, 18.9281



21.6208, 11.1376, 1.3875



2.1217, 1.0910, 0.2222

Inverse Universe

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



47.5160, 29.8953, 16.0982



43.9521, 24.8185, 8.5860



40.2534, 45.0735, 101.1856



18.0590, 18.0069, 18.9281



21.6208, 11.1376, 1.3875



2.1217, 1.0910, 0.2222

Previews

White Background



This preview shows how the XYZ color 47.5153, 29.8936, 16.0977 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 47.5153, 29.8936, 16.0977 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 47.5153, 29.8936, 16.0977

Background



This preview shows how black text looks on a background with the XYZ color 47.5153, 29.8936, 16.0977.



This preview shows how white text looks on a background with the XYZ color 47.5153, 29.8936,

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

47.5153, 29.8936, 16.0977

Protanopia

28.3540, 30.1213, 24.7417

Deuteranopia

30.5610, 29.8755, 14.9823



Tritanopia

47.3590, 29.9705, 14.8441

Trichromacy



Original Color

47.5153, 29.8936, 16.0977

Protanomaly

32.7872, 27.9767, 21.1247

Deuteranomaly

35.1444, 28.5625, 15.2161

Tritanomaly

47.4546, 30.0088, 15.3477

Monochromacy



Original Color

47.5153, 29.8936, 16.0977

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

30.6324, 26.0411, 23.8340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5153, 29.8936, 16.0977 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, 92, 103)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 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(255, 92, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 103) }
```

Border

The CSS property to change the border of an element to XYZ 47.5153, 29.8936, 16.0977 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, 92, 103) }
```


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

```
.border{ border-color:rgb(255, 92, 103) }
```

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

Here you see how a box with a 4 pixel rgb(255, 92, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 103);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5153, 29.8936, 16.0977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 103) }
```

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

```
.background{ background-color: rgb(255, 92,  
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