

Converting Colors

XYZ(54.4578, 32.4403, 37.9658)

Have a look what the booklet for
XYZ(54.4578, 32.4403, 37.9658)
contains.

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Color

**XYZ(51.3406, 30.8838,
37.9056)**

Conversions

Conversions Part 1

Format	Color
Hex	FF58A3
RGB	255, 88, 163
RGB Percent	100%, 35%, 64%
CMY	0.0000, 0.6549, 0.3608
CMYK	0.00, 0.65, 0.36, 0.00
HSL	333°, 100%, 67%
HSV	333°, 65%, 100%
XYZ	51.3406, 30.8838, 37.9056
YIQ	146.4830, 75.4570, 58.7290

Conversions

Conversions Part 2

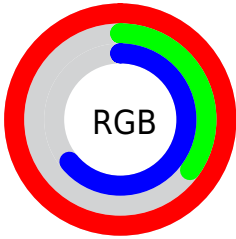
Format	Color
R _{YB}	255, 88, 163
Decimal	16734371
CIE Lab	62.41, 69.23, -5.51
CIE LCh	62, 69.450, 355.453
Yxy	30.8838, 0.4274, 0.2571
Android (android.graphics.Color)	4294924451 (0xFFFF58A3)
YUV	146.4830, 8.1429, 95.1694
Hunter-Lab	55.5732, 67.6519, -1.5395

Details

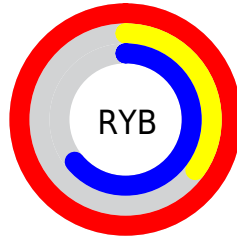
The XYZ color **51.3406, 30.8838, 37.9056** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **48.0246, 76.8909, 55.4952**, and the grayscale version is **27.4673, 28.8978, 31.4697**.

A 20% lighter version of the original color is **64.3286, 47.1894, 72.0476**, and **25.2042, 12.7907, 16.1794** is the 20% darker color. If you saturate the color by 10%, you get **48.4115, 26.9294, 31.0600**, and if you desaturate by 10%, it is **55.1429, 36.3606, 45.7327**.

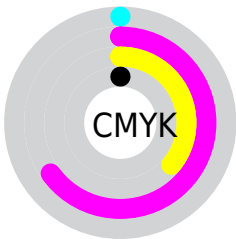
Distribution



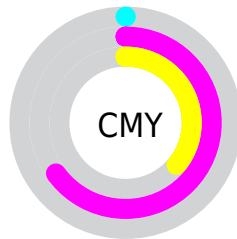
- Red (100%)
- Green (35%)
- Blue (64%)



- Red (100%)
- Yellow (35%)
- Blue (64%)



- Cyan (0%)
- Magenta (65%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (65%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3406, 30.8838, 37.9056 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 51.3406, 30.8838, 37.9056 by changing the saturation by 10% instead.


 51.3406, 30.8838,
37.9056


 51.3406, 30.8838,
37.9056


382.2515,
306.0026, 352.5009


 36.7019, 20.5104,
25.6082


 91.3380, 61.0571,
73.1652


 25.1494, 12.7666,
16.3076


 117.4275, 81.6257,
96.9645

 16.3177, 7.2680,
9.5854


 148.0645,
106.3616, 125.4349

 9.8415, 3.6303,
5.0229

 183.6146,
135.6490, 158.9948

 5.3555, 1.4690,
2.2018

224.4429,
169.8725, 198.0628

 2.4942, 0.2667,
0.6754

270.9150,

 0.8923, 0.0000,

209.4163, 243.0574

0.0000

323.3961,
254.6649, 294.3973

■ 0.0000, 0.0000,
0.0000

■ 51.3406, 30.8838,
37.9056

■ 51.3406, 30.8838,
37.9056

■ 48.4115, 26.9294,
31.0600

■ 55.1429, 36.3606,
45.7327

■ 46.2683, 24.3303,
25.1436

■ 59.8888, 43.4940,
54.5854

■ 44.8079, 22.8881,
20.0987

■ 65.6441, 52.4087,
64.5065

■ 44.3066, 22.4866,
18.0785

■ 72.4675, 63.2160,
75.5351

■ 80.4133, 76.0181,
87.7083

89.5319, 90.9099,
101.0610

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



46.9241, 30.8838, 72.4100



51.3406, 30.8838, 37.9056



48.9129, 30.8838, 15.9099

Triad

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



51.3406, 30.8838, 37.9056



22.2437, 30.8838, 5.1822



20.2416, 30.8838, 96.9234

Complementary

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



51.3406, 30.8838, 37.9056



48.0246, 76.8909, 55.4952

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.



15.8588, 30.8838, 61.1794



51.3406, 30.8838, 37.9056



16.8296, 30.8838, 11.9682

Square

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



51.3406, 30.8838, 37.9056



30.8123, 30.8838, 3.9054



14.7580, 30.8838, 29.6835



27.9427, 30.8838, 116.2625

Rectangle

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



51.3406, 30.8838, 37.9056



43.9662, 30.8838, 8.5648



14.7580, 30.8838, 29.6835



18.4018, 30.8838, 85.7345

Sweetspot

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



51.3415, 30.8854, 37.9061



76.6846, 69.9864, 82.0697



40.3291, 23.8869, 97.0928



15.9421, 14.2213, 16.8404



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.



51.3415, 30.8854, 37.9061



47.5736, 25.8707, 28.8780



47.2176, 30.3962, 12.6131



18.3484, 18.1227, 20.4520



23.2239, 11.7788, 9.8294



2.3153, 1.1685, 1.2420

Inverse Universe

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



51.3415, 30.8854, 37.9061



47.5736, 25.8707, 28.8780



55.2294, 75.6031, 106.2897



18.3484, 18.1227, 20.4520



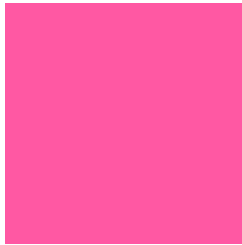
23.2239, 11.7788, 9.8294



2.3153, 1.1685, 1.2420

Previews

White Background



This preview shows how the XYZ color 51.3406, 30.8838, 37.9056 looks on a white background.

Color Contrast Check

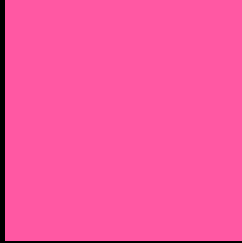
Large Text (above 18pt) WCAG AA × Fail

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 51.3406, 30.8838, 37.9056 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 51.3406, 30.8838, 37.9056

Background



This preview shows how black text looks on a background with the XYZ color 51.3406, 30.8838, 37.9056.



This preview shows how white text looks on a background with the XYZ color 51.3406, 30.8838,

37.9056.

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

51.3406, 30.8838, 37.9056

Protanopia

31.6803, 31.0409, 60.8217

Deuteranopia

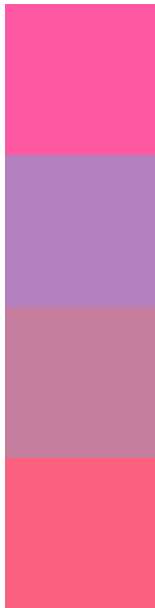
31.5051, 30.8168, 35.2981



Tritanopia

47.0912, 30.8781, 17.3880

Trichromacy



Original Color

51.3406, 30.8838, 37.9056

Protanomaly

35.2569, 28.3933, 51.1992

Deuteranomaly

36.5311, 29.0062, 36.0211

Tritanomaly

48.1585, 30.5935, 23.4456

Monochromacy



Original Color

51.3406, 30.8838, 37.9056

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

33.2508, 27.3733, 33.2368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3406, 30.8838, 37.9056 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, 88, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 88, 163)  
}
```

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, 88, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 88, 163) }
```

Border

The CSS property to change the border of an element to XYZ 51.3406, 30.8838, 37.9056 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, 88, 163) }
```


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

```
.border{ border-color:rgb(255, 88, 163) }
```

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

Here you see how a box with a 4 pixel rgb(255, 88, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 88, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 88, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 88,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3406, 30.8838, 37.9056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 88, 163) }
```

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

```
.background{ background-color: rgb(255, 88,  
163) }
```

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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