

Converting Colors

XYZ(50.9969, 31.7827, 37.8821)

Have a look what the booklet for
XYZ(50.9969, 31.7827, 37.8821)
contains.

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Color

**XYZ(50.9386, 31.7055,
38.0853)**

Conversions

Conversions Part 1

Format	Color
Hex	FC60A3
RGB	252, 96, 163
RGB Percent	99%, 38%, 64%
CMY	0.0118, 0.6235, 0.3608
CMYK	0.00, 0.62, 0.35, 0.01
HSL	334°, 96%, 68%
HSV	334°, 62%, 99%
XYZ	50.9386, 31.7055, 38.0853
YIQ	150.2820, 71.4690, 53.9090

Conversions

Conversions Part 2

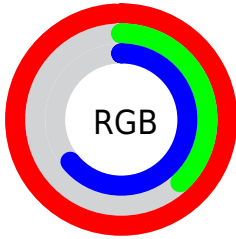
Format	Color
R _Y B	252, 96, 163
Decimal	16539811
CIE Lab	63.10, 65.19, -4.54
CIE LCh	63, 65.352, 356.017
Yxy	31.7055, 0.4219, 0.2626
Android (android.graphics.Color)	4294729891 (0xFFFC60A3)
YUV	150.2820, 6.2700, 89.2067
Hunter-Lab	56.3076, 62.9413, -0.6872

Details

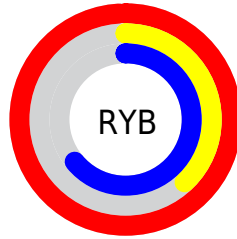
The XYZ color **50.9386, 31.7055, 38.0853** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **48.3931, 75.6113, 57.9474**, and the grayscale version is **29.0634, 30.5770, 33.2984**.

A 20% lighter version of the original color is **65.2861, 49.1044, 72.3668**, and **24.8451, 13.2040, 16.2781** is the 20% darker color. If you saturate the color by 10%, you get **47.7808, 27.3356, 31.0341**, and if you desaturate by 10%, it is **54.9813, 37.6104, 46.1546**.

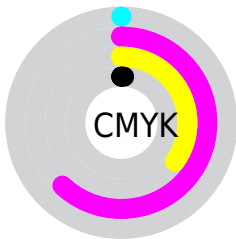
Distribution



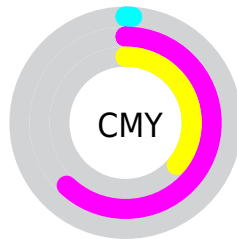
- Red (99%)
- Green (38%)
- Blue (64%)



- Red (99%)
- Yellow (38%)
- Blue (64%)



- Cyan (0%)
- Magenta (62%)
- Yellow (35%)
- Black (1%)





- Cyan (1%)
- Magenta (62%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9386, 31.7055, 38.0853 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 50.9386, 31.7055, 38.0853 by changing the saturation by 10% instead.


 50.9386, 31.7055,
38.0853

 50.9386, 31.7055,
38.0853


380.7168,
309.7755, 353.2949


 36.3806, 21.1367,
25.7466


 90.7475, 62.3491,
73.4437


 24.8997, 13.2239,
16.4101

 116.7292, 83.1927,
97.3005

 16.1307, 7.5829,
9.6573


 147.2494,
108.2299, 125.8337

 9.7081, 3.8293,
5.0697

 182.6736,
137.8453, 159.4618

 5.2666, 1.5785,
2.2288

223.3670,
172.4231, 198.6035

 2.4409, 0.3430,
0.6909

269.6952,

 0.8656, 0.0000,

212.3479, 243.6772

0.0000

322.0233,
258.0039, 295.1015

■ 0.0000, 0.0000,
0.0000

■ 50.9386, 31.7055,
38.0853

■ 50.9386, 31.7055,
38.0853

■ 47.7808, 27.3356,
31.0341

■ 54.9813, 37.6104,
46.1546

■ 45.4269, 24.3471,
24.9492

■ 59.9743, 45.1745,
55.2860

■ 43.7845, 22.5632,
19.7746

■ 65.9799, 54.5145,
65.5224

■ 42.8636, 21.7829,
16.1952

■ 73.0539, 65.7356,
76.9035

■ 81.2479, 78.9344,
89.4667

90.6101, 94.2010,
103.2475

93.9549, 99.4355,
108.8488

Harmonies

Analogous

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



46.9093, 31.7055, 70.3555



50.9386, 31.7055, 38.0853



48.5447, 31.7055, 17.0080

Triad

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



50.9386, 31.7055, 38.0853



23.1552, 31.7055, 6.3716



21.4498, 31.7055, 94.1924

Complementary

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



50.9386, 31.7055, 38.0853



48.3931, 75.6113, 57.9474

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.



17.0907, 31.7055, 61.1873



50.9386, 31.7055, 38.0853



17.9288, 31.7055, 13.5486

Square

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



50.9386, 31.7055, 38.0853



31.3549, 31.7055, 4.9090



15.9429, 31.7055, 31.1880



28.9474, 31.7055, 111.4700

Rectangle

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



50.9386, 31.7055, 38.0853



43.8422, 31.7055, 9.7096



15.9429, 31.7055, 31.1880



19.6319, 31.7055, 83.9606

Sweetspot

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



50.9395, 31.7072, 38.0859



77.3585, 71.2337, 82.6041



41.6184, 25.6359, 94.8502



16.0677, 14.4613, 16.9167



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.



50.9395, 31.7072, 38.0859



48.4989, 27.3088, 30.4583



47.4528, 31.9326, 14.7310



17.5540, 17.3490, 19.5073



22.3986, 11.3752, 8.8073



2.1264, 1.0743, 1.0892

Inverse Universe

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



50.9395, 31.7072, 38.0859



48.4989, 27.3088, 30.4583



54.0289, 72.7824, 103.2963



17.5540, 17.3490, 19.5073



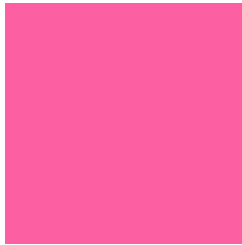
22.3986, 11.3752, 8.8073



2.1264, 1.0743, 1.0892

Previews

White Background



This preview shows how the XYZ color 50.9386, 31.7055, 38.0853 looks on a white background.

Color Contrast Check

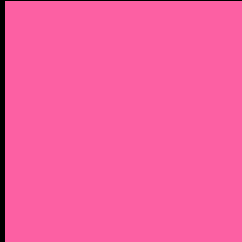
Large Text (above 18pt) WCAG AA × Fail

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 50.9386, 31.7055, 38.0853 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 50.9386, 31.7055, 38.0853

Background



This preview shows how black text looks on a background with the XYZ color 50.9386, 31.7055, 38.0853.



This preview shows how white text looks on a background with the XYZ color 50.9386, 31.7055,

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

50.9386, 31.7055, 38.0853

Protanopia

32.3599, 31.9195, 58.4884

Deuteranopia

32.4426, 31.7619, 35.4311



Tritanopia

47.0064, 31.6868, 19.5582

Trichromacy



Original Color

50.9386, 31.7055, 38.0853



Protanomaly

36.0353, 29.6015, 50.2688



Deuteranomaly

37.3105, 30.1749, 36.2056



Tritanomaly

48.0820, 31.5062, 25.3769

Monochromacy



Original Color

50.9386, 31.7055, 38.0853



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

34.3925, 28.8966, 34.7753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9386, 31.7055, 38.0853 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, 96, 163)` looks like.

```
.text, #text, p{  
    color:rgb(252, 96, 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(252, 96, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 96, 163) }
```

Border

The CSS property to change the border of an element to XYZ 50.9386, 31.7055, 38.0853 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, 96, 163) }
```


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

```
.border{ border-color:rgb(252, 96, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 96, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 96, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 96, 163);  
box-shadow:4px 4px 4px 4px rgb(252, 96,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9386, 31.7055, 38.0853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 96, 163) }
```

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

```
.background{ background-color: rgb(252, 96,  
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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