

Converting Colors

XYZ(56.3862, 38.1318, 53.6785)

Have a look what the booklet for
XYZ(56.3862, 38.1318, 53.6785)
contains.

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Color

**XYZ(56.3862, 38.1318,
53.6785)**

Conversions

Conversions Part 1

Format	Color
Hex	FC79BF
RGB	252, 121, 191
RGB Percent	99%, 47%, 75%
CMY	0.0118, 0.5255, 0.2510
CMYK	0.00, 0.52, 0.24, 0.01
HSL	328°, 96%, 73%
HSV	328°, 52%, 99%
XYZ	56.3862, 38.1318, 53.6785
YIQ	168.1490, 55.6060, 49.5420

Conversions

Conversions Part 2

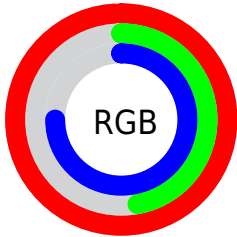
Format	Color
R _Y B	252, 121, 191
Decimal	16546239
CIE Lab	68.12, 57.55, -12.96
CIE LCh	68, 58.994, 347.305
Yxy	38.1318, 0.3805, 0.2573
Android (android.graphics.Color)	4294736319 (0xFFFC79BF)
YUV	168.1490, 11.2655, 73.5373
Hunter-Lab	61.7510, 54.9283, -8.3136

Details

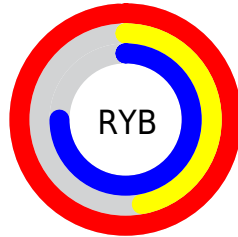
The XYZ color **56.3862, 38.1318, 53.6785** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **51.1409, 77.0642, 56.4393**, and the grayscale version is **37.2212, 39.1596, 42.6448**.

A 20% lighter version of the original color is **73.7506, 59.4197, 95.5778**, and **28.2160, 16.8220, 25.8046** is the 20% darker color. If you saturate the color by 10%, you get **52.4739, 32.2916, 46.2561**, and if you desaturate by 10%, it is **61.2039, 45.6165, 61.9140**.

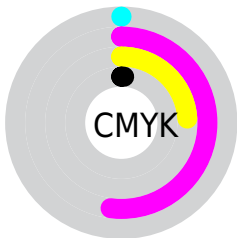
Distribution



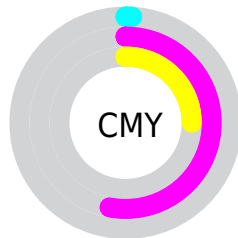
- Red (99%)
- Green (47%)
- Blue (75%)



- Red (99%)
- Yellow (47%)
- Blue (75%)



- Cyan (0%)
- Magenta (52%)
- Yellow (24%)
- Black (1%)





- Cyan (1%)
- Magenta (53%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3862, 38.1318, 53.6785 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 56.3862, 38.1318, 53.6785 by changing the saturation by 10% instead.


 56.3862, 38.1318,
53.6785


 56.3862, 38.1318,
53.6785


401.1968,
338.1850, 418.0227


 40.7509, 26.0850,
37.9533


 98.7056, 72.3101,
97.0537

 28.3113, 16.8872,
25.6449


 126.1203, 95.2104,
125.5407

 18.7021, 10.1541,
16.3348


 158.1922,
122.4973, 159.1187

 11.5579, 5.5013,
9.6044

195.2866,
154.5553, 198.2063

 6.5135, 2.5443,
5.0353

237.7689,
191.7686, 243.2219

 3.2033, 0.8987,
2.2089

286.0045,

 1.2622, 0.0000,

234.5217, 294.5842

0.6795

340.3587,
283.1991, 352.7116

■ 0.1546, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3862, 38.1318,
53.6785

■ 56.3862, 38.1318,
53.6785

■ 52.4739, 32.2916,
46.2561

■ 61.2039, 45.6165,
61.9140

■ 49.3976, 27.9619,
39.6107

■ 66.9828, 54.8546,
70.9915

■ 47.0825, 24.9969,
33.7053

■ 73.7779, 65.9523,
80.9410

■ 45.4375, 23.2187,
28.4968

■ 81.6391, 79.0054,
91.7898

■ 44.4936, 22.4350,
24.7784

■ 90.6125, 94.1035,
103.5638

■ 93.9550, 99.4355,
108.8488

Harmonies

Analogous

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



50.8625, 38.1318, 86.2233



56.3862, 38.1318, 53.6785



55.8931, 38.1318, 28.1980

Triad

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



56.3862, 38.1318, 53.6785



31.2313, 38.1318, 9.5004



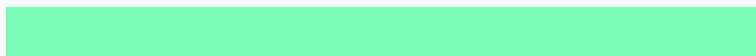
25.5217, 38.1318, 90.9997

Complementary

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



56.3862, 38.1318, 53.6785



51.1409, 77.0642, 56.4393

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.



21.8407, 38.1318, 58.4872



56.3862, 38.1318, 53.6785



24.7336, 38.1318, 15.7678

Square

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



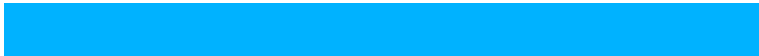
56.3862, 38.1318, 53.6785



40.2716, 38.1318, 9.1112



21.5790, 38.1318, 31.3503



32.4927, 38.1318, 113.1551

Rectangle

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



56.3862, 38.1318, 53.6785



52.2148, 38.1318, 17.7604



21.5790, 38.1318, 31.3503



23.9139, 38.1318, 80.4176

Sweetspot

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



56.3873, 38.1337, 53.6792



80.4776, 75.5106, 89.6907



43.2208, 30.4027, 95.6860



16.8699, 15.5719, 18.7064



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.



56.3873, 38.1337, 53.6792



53.8847, 33.1426, 47.4765



50.8505, 35.9189, 24.5225



17.6323, 17.3803, 19.9196



23.2525, 11.7167, 13.3038



2.2071, 1.1066, 1.5142

Inverse Universe

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



56.3873, 38.1337, 53.6792



53.8847, 33.1426, 47.4765



59.2470, 80.3066, 99.1255



17.6323, 17.3803, 19.9196



23.2525, 11.7167, 13.3038



2.2071, 1.1066, 1.5142

Previews

White Background



This preview shows how the XYZ color 56.3862, 38.1318, 53.6785 looks on a white background.

Color Contrast Check

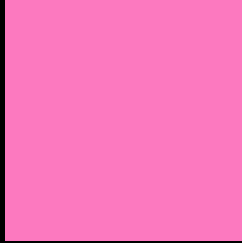
Large Text (above 18pt) WCAG AA × Fail

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 56.3862, 38.1318, 53.6785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

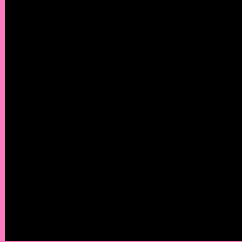
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3862, 38.1318, 53.6785

Background



This preview shows how black text looks on a background with the XYZ color 56.3862, 38.1318, 53.6785.



This preview shows how white text looks on a background with the XYZ color 56.3862, 38.1318,

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

56.3862, 38.1318, 53.6785

Protanopia

39.0891, 38.3507, 73.7488

Deuteranopia

39.0276, 38.3000, 50.6831



Tritanopia

51.2818, 37.9298, 29.8176

Trichromacy



Original Color

56.3862, 38.1318, 53.6785



Protanomaly

42.9618, 36.5243, 65.7583



Deuteranomaly

43.7605, 37.0118, 51.8513



Tritanomaly

52.9143, 37.8217, 37.3123

Monochromacy



Original Color

56.3862, 38.1318, 53.6785



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

42.4563, 37.4099, 46.0574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3862, 38.1318, 53.6785 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, 121, 191)` looks like.

```
.text, #text, p{  
    color:rgb(252, 121, 191)  
}
```

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, 121, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 121, 191) }
```

Border

The CSS property to change the border of an element to XYZ 56.3862, 38.1318, 53.6785 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, 121, 191) }
```


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

```
.border{ border-color:rgb(252, 121, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 121, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 121, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 121, 191);  
box-shadow:4px 4px 4px 4px rgb(252, 121,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3862, 38.1318, 53.6785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 121, 191) }
```

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

```
.background{ background-color: rgb(252,  
121, 191) }
```

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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