

Converting Colors

XYZ(56.9541, 38.9280, 51.2869)

Have a look what the booklet for
XYZ(56.9541, 38.9280, 51.2869)
contains.

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Color

**XYZ(56.9256, 38.8246,
51.5073)**

Conversions

Conversions Part 1

Format	Color
Hex	FE7BBB
RGB	254, 123, 187
RGB Percent	100%, 48%, 73%
CMY	0.0039, 0.5176, 0.2667
CMYK	0.00, 0.52, 0.26, 0.00
HSL	331°, 98%, 74%
HSV	331°, 52%, 100%
XYZ	56.9256, 38.8246, 51.5073
YIQ	169.4650, 57.5320, 47.6760

Conversions

Conversions Part 2

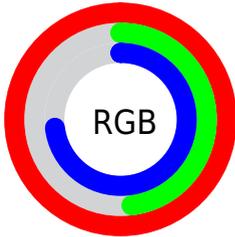
Format	Color
R_{YB}	254, 123, 187
Decimal	16677819
CIE Lab	68.62, 56.70, -9.93
CIE LCh	69, 57.568, 350.065
Yxy	38.8246, 0.3866, 0.2637
Android (android.graphics.Color)	4294867899 (0xFFFE7BBB)
YUV	169.4650, 8.6448, 74.1372
Hunter-Lab	62.3094, 54.0354, -5.3948

Details

The XYZ color **56.9256, 38.8246, 51.5073** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.9063, 78.8133, 61.1432**, and the grayscale version is **37.8822, 39.8550, 43.4021**.

A 20% lighter version of the original color is **73.5378, 59.9713, 92.4938**, and **28.5584, 17.2049, 24.3699** is the 20% darker color. If you saturate the color by 10%, you get **52.8451, 32.7893, 43.5929**, and if you desaturate by 10%, it is **61.9515, 46.5485, 60.3584**.

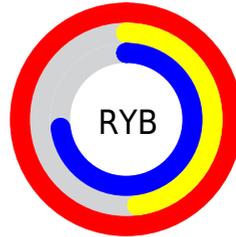
Distribution



Red (100%)

Green (48%)

Blue (73%)



Red (100%)

Yellow (48%)

Blue (73%)

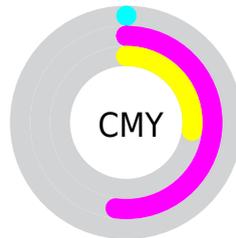


Cyan (0%)

Magenta (52%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9256, 38.8246, 51.5073 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 56.9256, 38.8246, 51.5073 by changing the saturation by 10% instead.

 56.9256, 38.8246,
51.5073

 56.9256, 38.8246,
51.5073

403.1892,
341.1442, 409.4342

 41.1854, 26.6233,
36.2330

 99.4886, 73.3703,
93.8234

 28.6523, 17.2905,
24.3231

 127.0421, 96.4835,
121.7022

 18.9609, 10.4418,
15.3590

 159.2642,
124.0027, 154.6196

 11.7459, 5.6929,
8.9223

196.5200,
156.3125, 192.9941

 6.6418, 2.6592,
4.5944

239.1751,
193.7971, 237.2443

 3.2835, 0.9565,
1.9568

287.5948,

 1.3054, 0.0000,

236.8410, 287.7887

0.5285

342.1443,
285.8286, 345.0458

■ 0.1872, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9256, 38.8246,
51.5073

■ 56.9256, 38.8246,
51.5073

■ 52.8451, 32.7893,
43.5929

■ 61.9515, 46.5485,
60.3584

■ 49.6385, 28.3063,
36.5739

■ 67.9802, 56.0719,
70.1800

■ 47.2293, 25.2275,
30.4081

■ 75.0684, 67.5029,
81.0065

■ 45.5245, 23.3725,
25.0465

■ 83.2674, 80.9394,
92.8697

■ 44.5166, 22.5283,
21.0993

■ 92.6251, 96.4724,
105.7998

■ 94.6831, 99.8109,
108.8828

Harmonies

Analogous

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



51.9853, 38.8246, 83.2158



56.9256, 38.8246, 51.5073



55.8662, 38.8246, 27.3249

Triad

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



56.9256, 38.8246, 51.5073



31.2259, 38.8246, 10.5396



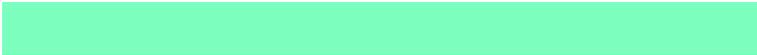
26.7840, 38.8246, 93.4201

Complementary

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



56.9256, 38.8246, 51.5073



52.9063, 78.8133, 61.1432

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.



22.8029, 38.8246, 61.8699



56.9256, 38.8246, 51.5073



25.0604, 38.8246, 17.6015

Square

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



56.9256, 38.8246, 51.5073



39.9988, 38.8246, 9.6594



22.2285, 38.8246, 34.2148



33.9686, 38.8246, 113.1984

Rectangle

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



56.9256, 38.8246, 51.5073



51.9532, 38.8246, 17.5529



22.2285, 38.8246, 34.2148



25.0802, 38.8246, 83.3530

Sweetspot

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



56.9267, 38.8265, 51.5080



81.0470, 76.7803, 89.4765



45.8367, 32.0790, 97.5421



16.9715, 15.8176, 18.6090



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.



56.9267, 38.8265, 51.5080



53.1587, 32.8522, 43.6532



51.5326, 36.6689, 23.1031



18.3792, 18.1350, 20.6140



23.5437, 11.9068, 11.5135



2.3473, 1.1813, 1.4106

Inverse Universe

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



56.9267, 38.8265, 51.5080



53.1587, 32.8522, 43.6532



61.5007, 82.2510, 106.4007



18.3792, 18.1350, 20.6140



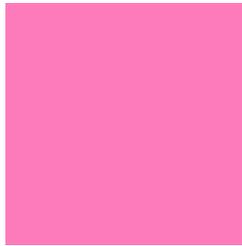
23.5437, 11.9068, 11.5135



2.3473, 1.1813, 1.4106

Previews

White Background



This preview shows how the XYZ color 56.9256, 38.8246, 51.5073 looks on a white background.

Color Contrast Check

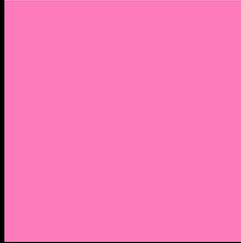
Large Text (above 18pt) WCAG AA × Fail

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 56.9256, 38.8246, 51.5073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

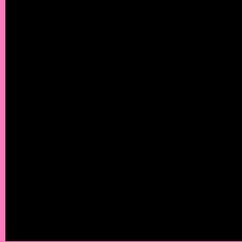
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9256, 38.8246, 51.5073

Background



This preview shows how black text looks on a background with the XYZ color 56.9256, 38.8246, 51.5073.



This preview shows how white text looks on a background with the XYZ color 56.9256, 38.8246,

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

56.9256, 38.8246, 51.5073

Protanopia

39.5485, 39.1989, 70.4475

Deuteranopia

39.6955, 38.9547, 48.6068



Tritanopia

52.5581, 38.7795, 30.3063

Trichromacy



Original Color

56.9256, 38.8246, 51.5073



Protanomaly

43.4116, 37.2968, 62.6686



Deuteranomaly

44.5907, 37.7205, 49.7303



Tritanomaly

53.8055, 38.6784, 36.9776

Monochromacy



Original Color

56.9256, 38.8246, 51.5073



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

42.8841, 37.8704, 46.1238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9256, 38.8246, 51.5073 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(254, 123, 187)` looks like.

```
.text, #text, p{  
    color:rgb(254, 123, 187)  
}
```

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(254, 123, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 123, 187) }
```

Border

The CSS property to change the border of an element to XYZ 56.9256, 38.8246, 51.5073 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(254, 123, 187) }
```


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

```
.border{ border-color:rgb(254, 123, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 123, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 123, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 123, 187);  
box-shadow:4px 4px 4px 4px rgb(254, 123,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9256, 38.8246, 51.5073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 123, 187) }
```

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

```
.background{ background-color: rgb(254,  
123, 187) }
```

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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