

Converting Colors

XYZ(58.9173, 39.8407, 68.5377)

Have a look what the booklet for
XYZ(58.9173, 39.8407, 68.5377)
contains.

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Color

**XYZ(58.8956, 39.8463,
68.2053)**

Conversions

Conversions Part 1

Format	Color
Hex	FA7DD6
RGB	250, 125, 214
RGB Percent	98%, 49%, 84%
CMY	0.0196, 0.5098, 0.1608
CMYK	0.00, 0.50, 0.14, 0.02
HSL	317°, 93%, 74%
HSV	317°, 50%, 98%
XYZ	58.8956, 39.8463, 68.2053
YIQ	172.5210, 45.9310, 54.1790

Conversions

Conversions Part 2

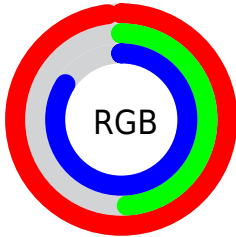
Format	Color
R _Y B	250, 125, 214
Decimal	16416214
CIE Lab	69.36, 58.34, -23.95
CIE LCh	69, 63.066, 337.677
Yxy	39.8463, 0.3528, 0.2387
Android (android.graphics.Color)	4294606294 (0xFFFA7DD6)
YUV	172.5210, 20.4491, 67.9491
Hunter-Lab	63.1239, 56.0764, -19.8760

Details

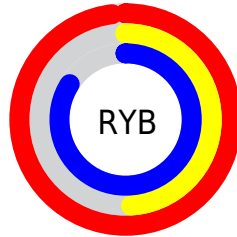
The XYZ color **58.8956, 39.8463, 68.2053** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **49.0780, 75.3058, 45.6702**, and the grayscale version is **39.3613, 41.4111, 45.0967**.

A 20% lighter version of the original color is **75.8139, 61.5277, 102.4880**, and **29.8720, 17.8358, 34.6691** is the 20% darker color. If you saturate the color by 10%, you get **55.2206, 33.9350, 62.5432**, and if you desaturate by 10%, it is **63.4101, 47.3702, 74.3485**.

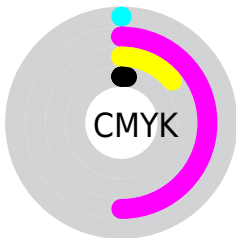
Distribution



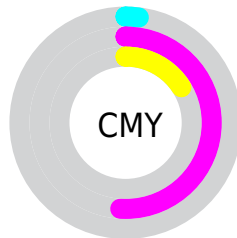
- Red (98%)
- Green (49%)
- Blue (84%)



- Red (98%)
- Yellow (49%)
- Blue (84%)



- Cyan (0%)
- Magenta (50%)
- Yellow (14%)
- Black (2%)




- Cyan (2%)
- Magenta (51%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8956, 39.8463, 68.2053 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 58.8956, 39.8463, 68.2053 by changing the saturation by 10% instead.


 58.8956, 39.8463,
68.2053


 58.8956, 39.8463,
68.2053


410.4152,
345.4753, 472.8409


 42.7751, 27.4187,
49.5970


 102.3414, 74.9294,
118.3028

 29.9025, 17.8879,
34.7244


 130.3975, 98.3537,
150.6291

 19.9123, 10.8696,
23.1688


 163.1627,
126.2124, 188.3652

 12.4392, 5.9792,
14.5117

201.0026,
158.8899, 231.9295

 7.1178, 2.8324,
8.3346

244.2825,
196.7705, 281.7407

 3.5829, 1.0449,
4.2190

293.3676,

 1.4690, 0.0000,

240.2387, 338.2173

1.7462

348.6234,
289.6788, 401.7779

■ 0.3046, 0.0000,
0.3921

■ 0.0000, 0.0000,
0.0000

■ 58.8956, 39.8463,
68.2053

■ 58.8956, 39.8463,
68.2053

■ 55.2206, 33.9350,
62.5432

■ 63.4101, 47.3702,
74.3485

■ 52.3198, 29.5087,
57.3369

■ 68.8154, 56.6106,
80.9914

■ 50.1243, 26.4294,
52.5611

■ 75.1631, 67.6690,
88.1539

■ 48.5505, 24.5309,
48.1853

■ 82.4997, 80.6376,
95.8540

■ 47.4605, 23.5386,
44.1608

■ 90.8683, 95.6022,
104.1086

■ 47.4603, 23.5384,
44.1598

■ 93.2347, 99.0642,
108.8150

Harmonies

Analogous

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



51.0666, 39.8463, 104.1935



58.8956, 39.8463, 68.2053



60.6372, 39.8463, 36.3532

Triad

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



58.8956, 39.8463, 68.2053



35.3301, 39.8463, 8.2621



24.4555, 39.8463, 87.1842

Complementary

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



58.8956, 39.8463, 68.2053



49.0780, 75.3058, 45.6702

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.



21.6653, 39.8463, 51.2716



58.8956, 39.8463, 68.2053



27.1729, 39.8463, 12.5212

Square

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



58.8956, 39.8463, 68.2053



45.7617, 39.8463, 9.5410



22.5629, 39.8463, 25.4623



30.9468, 39.8463, 118.1352

Rectangle

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



58.8956, 39.8463, 68.2053



57.8696, 39.8463, 22.2935



22.5629, 39.8463, 25.4623



23.1117, 39.8463, 74.7912

Sweetspot

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



58.8969, 39.8482, 68.2061



82.3151, 77.2876, 96.1543



39.1716, 29.0883, 93.9933



17.2774, 15.9400, 20.2199



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.



58.8969, 39.8482, 68.2061



57.7409, 35.4626, 65.3861



52.4339, 37.2630, 34.1728



17.7674, 17.4343, 20.6310



25.2396, 12.5115, 23.7677



2.3834, 1.1771, 2.4426

Inverse Universe

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



58.8969, 39.8482, 68.2061



57.7409, 35.4626, 65.3861



55.9527, 78.0556, 81.8720



17.7674, 17.4343, 20.6310



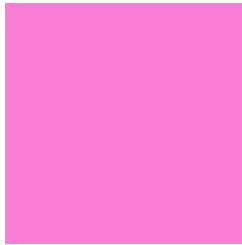
25.2396, 12.5115, 23.7677



2.3834, 1.1771, 2.4426

Previews

White Background



This preview shows how the XYZ color 58.8956, 39.8463, 68.2053 looks on a white background.

Color Contrast Check

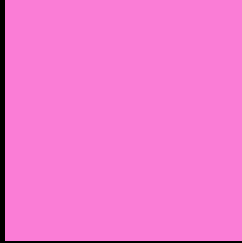
Large Text (above 18pt) WCAG AA × Fail

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 58.8956, 39.8463, 68.2053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

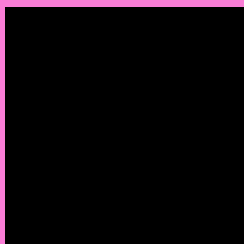
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8956, 39.8463, 68.2053

Background



This preview shows how black text looks on a background with the XYZ color 58.8956, 39.8463, 68.2053.



This preview shows how white text looks on a background with the XYZ color 58.8956, 39.8463,

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

58.8956, 39.8463, 68.2053

Protanopia

41.9549, 40.2205, 92.7409

Deuteranopia

41.0472, 40.1023, 64.6086



Tritanopia

51.6196, 39.6899, 33.3740

Trichromacy



Original Color

58.8956, 39.8463, 68.2053



Protanomaly

45.6080, 38.4643, 82.8624



Deuteranomaly

45.9882, 38.7921, 66.0366



Tritanomaly

54.0740, 39.6602, 44.3403

Monochromacy



Original Color

58.8956, 39.8463, 68.2053



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

45.0530, 39.8253, 52.8895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8956, 39.8463, 68.2053 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(250, 125, 214)` looks like.

```
.text, #text, p{  
    color:rgb(250, 125, 214)  
}
```

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(250, 125, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 125, 214) }
```

Border

The CSS property to change the border of an element to XYZ 58.8956, 39.8463, 68.2053 is called "border". The border property can be set on classes, ids or directly on the HTML element.

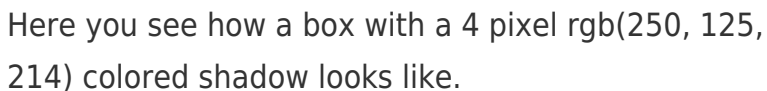
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(250, 125, 214) }
```


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

```
.border{ border-color:rgb(250, 125, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(250, 125, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 125, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 125, 214); box-shadow:4px 4px 4px 4px rgb(250, 125, 214) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8956, 39.8463, 68.2053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 125, 214) }
```

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

```
.background{ background-color: rgb(250,  
125, 214) }
```

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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