

Converting Colors

XYZ(56.4822, 38.6245, 59.7533)

Have a look what the booklet for
XYZ(56.4822, 38.6245, 59.7533)
contains.

XYZ(56.4617, 38.5888, 59.7309)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.4617, 38.5888,
59.7309)**

Conversions

Conversions Part 1

Format	Color
Hex	F87CC9
RGB	248, 124, 201
RGB Percent	97%, 49%, 79%
CMY	0.0274, 0.5137, 0.2118
CMYK	0.00, 0.50, 0.19, 0.03
HSL	323°, 90%, 73%
HSV	323°, 50%, 97%
XYZ	56.4617, 38.5888, 59.7309
YIQ	169.8540, 49.1870, 50.2350

Conversions

Conversions Part 2

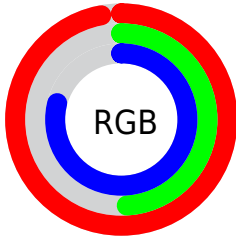
Format	Color
R _Y B	248, 124, 201
Decimal	16284873
CIE Lab	68.45, 56.30, -18.12
CIE LCh	68, 59.139, 342.163
Yxy	38.5888, 0.3648, 0.2493
Android (android.graphics.Color)	4294474953 (0xFFFF87CC9)
YUV	169.8540, 15.3550, 68.5340
Hunter-Lab	62.1199, 53.5315, -13.5259

Details

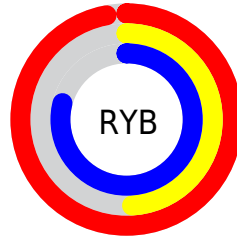
The XYZ color **56.4617, 38.5888, 59.7309** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **49.2321, 74.3614, 50.2898**, and the grayscale version is **38.0459, 40.0272, 43.5896**.

A 20% lighter version of the original color is **75.6113, 61.1225, 102.4204**, and **28.3808, 17.1816, 29.4243** is the 20% darker color. If you saturate the color by 10%, you get **52.6633, 32.7076, 53.1748**, and if you desaturate by 10%, it is **61.1115, 46.0636, 66.9054**.

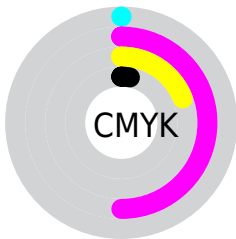
Distribution



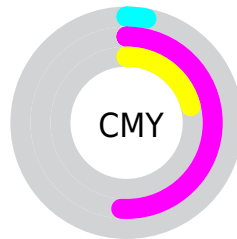
- Red (97%)
- Green (49%)
- Blue (79%)



- Red (97%)
- Yellow (49%)
- Blue (79%)



- Cyan (0%)
- Magenta (50%)
- Yellow (19%)
- Black (3%)





- Cyan (3%)
- Magenta (51%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4617, 38.5888, 59.7309 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 56.4617, 38.5888, 59.7309 by changing the saturation by 10% instead.


 56.4617, 38.5888,
59.7309

 56.4617, 38.5888,
59.7309


401.4760,
340.1391, 441.3822


 40.8117, 26.4400,
42.7779

 98.8152, 73.0097,
105.9788

 28.3590, 17.1531,
29.3808


 126.2494, 96.0506,
136.1107

 18.7383, 10.3437,
19.1210


 158.3424,
123.4910, 171.4727

 11.5842, 5.6274,
11.5801

195.4594,
155.7153, 212.4832

 6.5314, 2.6199,
6.3394

237.9660,
193.1078, 259.5609

 3.2145, 0.9367,
2.9804

286.2274,

 1.2682, 0.0000,

236.0530, 313.1243

1.0846

340.6089,
284.9353, 373.5919

■ 0.1592, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4617, 38.5888,
59.7309

■ 56.4617, 38.5888,
59.7309

■ 52.6633, 32.7076,
53.1748

■ 61.1115, 46.0636,
66.9054

■ 49.6519, 28.2943,
47.2087

■ 66.6639, 55.2338,
74.7202

■ 47.3589, 25.2137,
41.8041

■ 73.1700, 66.1995,
83.1982

■ 45.7019, 23.3023,
36.9271

■ 80.6760, 79.0512,
92.3603

■ 44.5444, 22.2898,
32.5258

■ 89.2250, 93.8733,
102.2262

■ 44.5441, 22.2896,
32.5247

■ 92.5217, 98.6966,
108.7817

Harmonies

Analogous

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



50.0327, 38.5888, 92.5368



56.4617, 38.5888, 59.7309



57.0746, 38.5888, 32.1271

Triad

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



56.4617, 38.5888, 59.7309



33.0387, 38.5888, 9.2106



24.9585, 38.5888, 86.6013

Complementary

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



56.4617, 38.5888, 59.7309



49.2321, 74.3614, 50.2898

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.



21.8310, 38.5888, 53.7522



56.4617, 38.5888, 59.7309



25.9393, 38.5888, 14.3463

Square

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



56.4617, 38.5888, 59.7309



42.4303, 38.5888, 9.6958



22.1567, 38.5888, 28.2045



31.4697, 38.5888, 112.0224

Rectangle

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



56.4617, 38.5888, 59.7309



53.9871, 38.5888, 20.2314



22.1567, 38.5888, 28.2045



23.5304, 38.5888, 75.5863

Sweetspot

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



56.4629, 38.5907, 59.7317



81.7912, 77.0780, 93.3958



40.6154, 29.6816, 92.3960



17.1507, 15.8894, 19.5531



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.



56.4629, 38.5907, 59.7317



56.0700, 34.7942, 56.5873



50.6937, 36.2830, 29.3514



17.6978, 17.4065, 20.2644



24.1330, 12.0689, 17.9407



2.2867, 1.1384, 1.9331

Inverse Universe

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



56.4629, 38.5907, 59.7317



56.0700, 34.7942, 56.5873



56.3708, 77.2169, 87.8818



17.6978, 17.4065, 20.2644



24.1330, 12.0689, 17.9407



2.2867, 1.1384, 1.9331

Previews

White Background



This preview shows how the XYZ color 56.4617, 38.5888, 59.7309 looks on a white background.

Color Contrast Check

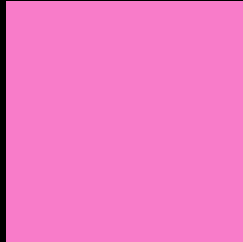
Large Text (above 18pt) WCAG AA × Fail

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 56.4617, 38.5888, 59.7309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

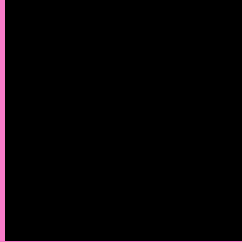
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4617, 38.5888, 59.7309

Background



This preview shows how black text looks on a background with the XYZ color 56.4617, 38.5888, 59.7309.



This preview shows how white text looks on a background with the XYZ color 56.4617, 38.5888,

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

56.4617, 38.5888, 59.7309

Protanopia

39.9508, 38.9193, 80.2695

Deuteranopia

39.6294, 38.7474, 56.4292



Tritanopia

50.6104, 38.5609, 31.9697

Trichromacy



Original Color

56.4617, 38.5888, 59.7309



Protanomaly

43.4597, 37.1175, 71.8917



Deuteranomaly

44.3787, 37.6682, 57.7550



Tritanomaly

52.4424, 38.4888, 40.7415

Monochromacy



Original Color

56.4617, 38.5888, 59.7309



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

43.0204, 38.1244, 48.8074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4617, 38.5888, 59.7309 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(248, 124, 201)` looks like.

```
.text, #text, p{  
    color:rgb(248, 124, 201)  
}
```

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(248, 124, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 124, 201) }
```

Border

The CSS property to change the border of an element to XYZ 56.4617, 38.5888, 59.7309 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(248, 124, 201) }
```


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

```
.border{ border-color:rgb(248, 124, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 124, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 124, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 124, 201);  
box-shadow:4px 4px 4px 4px rgb(248, 124,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4617, 38.5888, 59.7309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 124, 201) }
```

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

```
.background{ background-color: rgb(248,  
124, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor