

Converting Colors

XYZ(57.1217, 42.2440, 56.1822)

Have a look what the booklet for
XYZ(57.1217, 42.2440, 56.1822)
contains.

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Color

**XYZ(57.1217, 42.2440,
56.1822)**

Conversions

Conversions Part 1

Format	Color
Hex	F68CC2
RGB	246, 140, 194
RGB Percent	96%, 55%, 76%
CMY	0.0353, 0.4510, 0.2392
CMYK	0.00, 0.43, 0.21, 0.04
HSL	329°, 85%, 76%
HSV	329°, 43%, 96%
XYZ	57.1217, 42.2440, 56.1822
YIQ	177.8500, 45.8420, 39.2660

Conversions

Conversions Part 2

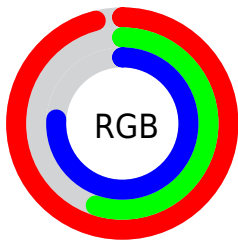
Format	Color
R _Y B	246, 140, 194
Decimal	16157890
CIE Lab	71.04, 46.78, -10.35
CIE LCh	71, 47.910, 347.527
Yxy	42.2440, 0.3672, 0.2716
Android (android.graphics.Color)	4294347970 (0xFFFF68CC2)
YUV	177.8500, 7.9620, 59.7676
Hunter-Lab	64.9954, 43.1342, -5.7537

Details

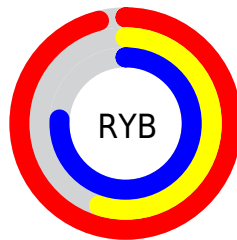
The XYZ color **57.1217, 42.2440, 56.1822** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.2873, 75.2939, 61.5973**, and the grayscale version is **42.1811, 44.3778, 48.3274**.

A 20% lighter version of the original color is **78.2352, 67.6420, 99.3752**, and **28.8809, 19.4012, 27.0336** is the 20% darker color. If you saturate the color by 10%, you get **52.6199, 35.3219, 48.2637**, and if you desaturate by 10%, it is **62.5395, 50.8210, 64.9500**.

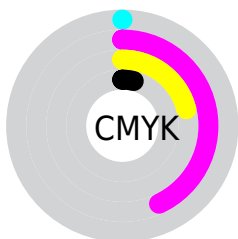
Distribution



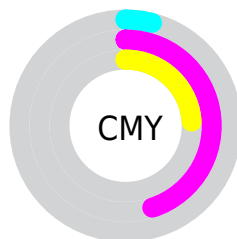
- Red (96%)
- Green (55%)
- Blue (76%)



- Red (96%)
- Yellow (55%)
- Blue (76%)



- Cyan (0%)
- Magenta (43%)
- Yellow (21%)
- Black (4%)





- Cyan (4%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1217, 42.2440, 56.1822 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 57.1217, 42.2440, 56.1822 by changing the saturation by 10% instead.


 57.1217, 42.2440,
56.1822

 57.1217, 42.2440,
56.1822


403.9120,
355.4934, 427.7854


 41.3435, 29.2924,
39.9440

 99.7731, 78.5688,
100.7594

 28.7764, 19.3021,
27.1815


 127.3769,
102.7107, 129.9355

 19.0552, 11.8888,
17.4759


 159.6534,
131.3516, 164.2613

 11.8144, 6.6680,
10.4089

196.9678,
164.8758, 204.1554

 6.6887, 3.2553,
5.5617

239.6855,
203.6677, 250.0363

 3.3128, 1.2665,
2.5160

288.1719,

 1.3213, 0.1150,

248.1116, 302.3226

0.8486

342.7922,
298.5921, 361.4328

■ 0.1990, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1217, 42.2440,
56.1822

■ 57.1217, 42.2440,
56.1822

■ 52.6199, 35.3219,
48.2637

■ 62.5395, 50.8210,
64.9500

■ 48.9736, 29.9391,
41.1603

■ 68.9212, 61.1462,
74.5942

■ 46.1205, 25.9751,
34.8383

■ 76.3158, 73.3129,
85.1436

■ 43.9874, 23.2879,
29.2594

■ 84.7676, 87.4063,
96.6245

■ 42.4860, 21.7057,
24.3798

■ 91.7107, 98.2907,
108.1930

■ 41.7281, 21.0817,
21.3776

■ 91.8162, 98.3329,
108.7487

Harmonies

Analogous

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



52.6001, 42.2440, 82.6172



57.1217, 42.2440, 56.1822



56.6787, 42.2440, 33.9638

Triad

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



57.1217, 42.2440, 56.1822



35.6949, 42.2440, 15.4788



30.6347, 42.2440, 86.7435

Complementary

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



57.1217, 42.2440, 56.1822



53.2873, 75.2939, 61.5973

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.



27.1971, 42.2440, 60.5805



57.1217, 42.2440, 56.1822



29.8407, 42.2440, 22.2013

Square

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



57.1217, 42.2440, 56.1822



43.5663, 42.2440, 14.9973



26.9271, 42.2440, 37.1229



36.9202, 42.2440, 103.8130

Rectangle

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



57.1217, 42.2440, 56.1822



53.6281, 42.2440, 24.0417



26.9271, 42.2440, 37.1229



29.1462, 42.2440, 78.3888

Sweetspot

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



57.1229, 42.2460, 56.1830



82.8626, 79.6394, 92.4624



47.5591, 36.5190, 91.7315



17.3351, 16.3827, 19.2302



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.



57.1229, 42.2460, 56.1830



57.5373, 38.9929, 53.1791



52.2507, 40.2971, 30.5261



16.8514, 16.6234, 18.9643



22.3439, 11.2810, 11.7850



2.0157, 1.0123, 1.3092

Inverse Universe

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



57.1229, 42.2460, 56.1830



57.5373, 38.9929, 53.1791



60.1369, 78.0337, 97.6668



16.8514, 16.6234, 18.9643



22.3439, 11.2810, 11.7850



2.0157, 1.0123, 1.3092

Previews

White Background



This preview shows how the XYZ color 57.1217, 42.2440, 56.1822 looks on a white background.

Color Contrast Check

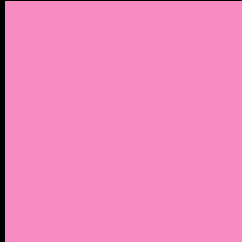
Large Text (above 18pt) WCAG AA × Fail

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 57.1217, 42.2440, 56.1822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

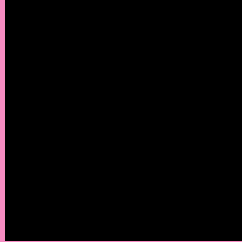
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1217, 42.2440, 56.1822

Background



This preview shows how black text looks on a background with the XYZ color 57.1217, 42.2440, 56.1822.



This preview shows how white text looks on a background with the XYZ color 57.1217, 42.2440,

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

57.1217, 42.2440, 56.1822

Protanopia

42.6481, 42.7375, 70.9671

Deuteranopia

43.3809, 42.3643, 54.0348



Tritanopia

53.2232, 42.2133, 37.6906

Trichromacy



Original Color

57.1217, 42.2440, 56.1822



Protanomaly

46.3782, 41.5131, 65.2430



Deuteranomaly

47.3630, 41.4807, 54.8005



Tritanomaly

54.2861, 41.9415, 43.7624

Monochromacy



Original Color

57.1217, 42.2440, 56.1822



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

46.5558, 42.7081, 51.1371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1217, 42.2440, 56.1822 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(246, 140, 194)` looks like.

```
.text, #text, p{  
    color:rgb(246, 140, 194)  
}
```

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(246, 140, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 140, 194) }
```

Border

The CSS property to change the border of an element to XYZ 57.1217, 42.2440, 56.1822 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(246, 140, 194) }
```


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

```
.border{ border-color:rgb(246, 140, 194) }
```

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

Here you see how a box with a 4 pixel rgb(246, 140, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 140, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 140, 194);  
box-shadow:4px 4px 4px 4px rgb(246, 140,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1217, 42.2440, 56.1822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 140, 194) }
```

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

```
.background{ background-color: rgb(246,  
140, 194) }
```

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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