

Converting Colors

XYZ(57.4385, 46.2177, 55.2605)

Have a look what the booklet for
XYZ(57.4385, 46.2177, 55.2605)
contains.

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Color

**XYZ(57.2276, 46.0638,
55.1652)**

Conversions

Conversions Part 1

Format	Color
Hex	F09CBF
RGB	240, 156, 191
RGB Percent	94%, 61%, 75%
CMY	0.0588, 0.3882, 0.2510
CMYK	0.00, 0.35, 0.20, 0.06
HSL	335°, 74%, 78%
HSV	335°, 35%, 94%
XYZ	57.2276, 46.0638, 55.1652
YIQ	185.1060, 38.8290, 28.6930

Conversions

Conversions Part 2

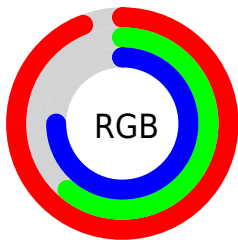
Format	Color
R _Y B	240, 156, 191
Decimal	15768767
CIE Lab	73.59, 36.06, -4.98
CIE LCh	74, 36.399, 352.136
Yxy	46.0638, 0.3612, 0.2907
Android (android.graphics.Color)	4293958847 (0xFFFF09CBF)
YUV	185.1060, 2.9057, 48.1420
Hunter-Lab	67.8703, 31.7364, -0.6819

Details

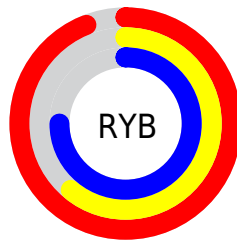
The XYZ color **57.2276, 46.0638, 55.1652** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.8918, 73.7970, 69.0596**, and the grayscale version is **46.1435, 48.5465, 52.8671**.

A 20% lighter version of the original color is **81.3228, 74.5639, 98.1018**, and **28.7291, 21.4806, 26.6767** is the 20% darker color. If you saturate the color by 10%, you get **52.1233, 38.2039, 46.2220**, and if you desaturate by 10%, it is **63.2775, 55.5782, 65.1513**.

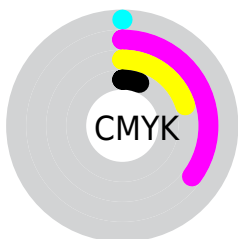
Distribution



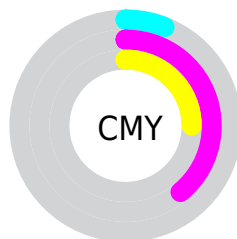
- Red (94%)
- Green (61%)
- Blue (75%)



- Red (94%)
- Yellow (61%)
- Blue (75%)



- Cyan (0%)
- Magenta (35%)
- Yellow (20%)
- Black (6%)





- Cyan (6%)
- Magenta (39%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2276, 46.0638, 55.1652 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 57.2276, 46.0638, 55.1652 by changing the saturation by 10% instead.


 57.2276, 46.0638,
55.1652


 57.2276, 46.0638,
55.1652


404.3020,
371.0651, 423.8374

 41.4289, 32.2962,
39.1345


 99.9267, 84.3145,
99.2565

 28.8435, 21.5878,
26.5557


 127.5577,
109.5663, 128.1543

 19.1061, 13.5544,
17.0104

159.8635,
139.4150, 162.1781

 11.8515, 7.8114,
10.0799

197.2095,
174.2449, 201.7465

 6.7141, 3.9745,
5.3456

239.9609,
214.4405, 247.2781

 3.3287, 1.6593,
2.3892

288.4833,

 1.3299, 0.3971,

260.3861, 299.1915

0.7805

343.1419,
312.4662, 357.9050

■ 0.2054, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2276, 46.0638,
55.1652

■ 57.2276, 46.0638,
55.1652

■ 52.1233, 38.2039,
46.2220

■ 63.2775, 55.5782,
65.1513

■ 47.9093, 31.8961,
38.2815

■ 70.3162, 66.8286,
76.2128

■ 44.5308, 27.0368,
31.3048

■ 78.3889, 79.8990,
88.3839

■ 41.9245, 23.5069,
25.2485

■ 87.5369, 94.8658,
101.6964

■ 40.0174, 21.1679,
20.0648

■ 89.7453, 97.2654,
108.6517

■ 38.7205, 19.8499,
15.6995

■ 38.2352, 19.4453,
13.7928

Harmonies

Analogous

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



54.3021, 46.0638, 75.2192



57.2276, 46.0638, 55.1652



56.2811, 46.0638, 37.9461

Triad

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



57.2276, 46.0638, 55.1652



39.2808, 46.0638, 23.9589



36.6142, 46.0638, 83.6796

Complementary

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



57.2276, 46.0638, 55.1652



55.8918, 73.7970, 69.0596

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.



33.2861, 46.0638, 64.7380



57.2276, 46.0638, 55.1652



34.7172, 46.0638, 31.3880

Square

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



57.2276, 46.0638, 55.1652



45.4982, 46.0638, 22.5924



32.6273, 46.0638, 45.4589



42.1100, 46.0638, 94.1177

Rectangle

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



57.2276, 46.0638, 55.1652



53.6201, 46.0638, 29.9298



32.6273, 46.0638, 45.4589



35.2279, 46.0638, 77.9033

Sweetspot

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



57.2289, 46.0660, 55.1661



85.1445, 83.8744, 94.2366



52.7954, 43.0498, 87.9653



17.9476, 17.5047, 19.7519



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.



57.2289, 46.0660, 55.1661



61.3866, 46.2374, 55.8620



55.0348, 47.1222, 37.6500



16.0459, 15.8681, 17.7981



20.9932, 10.6697, 7.8809



1.7949, 0.9070, 0.9108

Inverse Universe

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



57.2289, 46.0660, 55.1661



61.3866, 46.2374, 55.8620



58.5789, 71.6382, 93.1786



16.0459, 15.8681, 17.7981



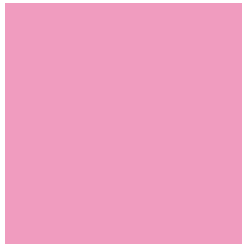
20.9932, 10.6697, 7.8809



1.7949, 0.9070, 0.9108

Previews

White Background



This preview shows how the XYZ color 57.2276, 46.0638, 55.1652 looks on a white background.

Color Contrast Check

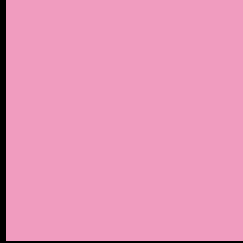
Large Text (above 18pt) WCAG AA × Fail

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 57.2276, 46.0638, 55.1652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

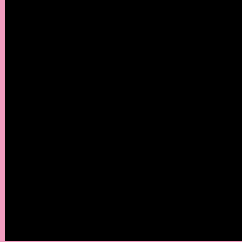
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.2276, 46.0638, 55.1652

Background



This preview shows how black text looks on a background with the XYZ color 57.2276, 46.0638, 55.1652.



This preview shows how white text looks on a background with the XYZ color 57.2276, 46.0638,

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

57.2276, 46.0638, 55.1652

Protanopia

45.5933, 46.4459, 64.9544

Deuteranopia

47.2599, 46.3743, 53.4740



Tritanopia

55.1044, 45.9520, 44.9950

Trichromacy



Original Color

57.2276, 46.0638, 55.1652

Protanomaly

48.9249, 45.6222, 61.4857

Deuteranomaly

50.4164, 46.0038, 53.7993

Tritanomaly

55.9601, 46.0591, 48.5887

Monochromacy



Original Color

57.2276, 46.0638, 55.1652

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

49.2825, 46.8391, 53.4571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2276, 46.0638, 55.1652 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(240, 156, 191)` looks like.

```
.text, #text, p{  
    color:rgb(240, 156, 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(240, 156, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 156, 191) }
```

Border

The CSS property to change the border of an element to XYZ 57.2276, 46.0638, 55.1652 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(240, 156, 191) }
```


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

```
.border{ border-color:rgb(240, 156, 191) }
```

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

Here you see how a box with a 4 pixel rgb(240, 156, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 156, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 156, 191);  
box-shadow:4px 4px 4px 4px rgb(240, 156,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2276, 46.0638, 55.1652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 156, 191) }
```

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

```
.background{ background-color: rgb(240,  
156, 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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