

Converting Colors

XYZ(57.0595, 43.8678, 52.4737)

Have a look what the booklet for
XYZ(57.0595, 43.8678, 52.4737)
contains.

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Color

**XYZ(57.0595, 43.8678,
52.4737)**

Conversions

Conversions Part 1

Format	Color
Hex	F593BB
RGB	245, 147, 187
RGB Percent	96%, 58%, 73%
CMY	0.0392, 0.4235, 0.2667
CMYK	0.00, 0.40, 0.24, 0.04
HSL	336°, 83%, 77%
HSV	336°, 40%, 96%
XYZ	57.0595, 43.8678, 52.4737
YIQ	180.8620, 45.5680, 33.2160

Conversions

Conversions Part 2

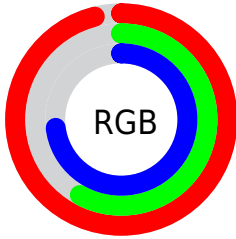
Format	Color
R_{YB}	245, 147, 187
Decimal	16094139
CIE _{Lab}	72.14, 41.88, -4.84
CIE _{LCh}	72, 42.158, 353.410
Yxy	43.8678, 0.3720, 0.2860
Android (android.graphics.Color)	4294284219 (0xFFFF593BB)
YUV	180.8620, 3.0260, 56.2490
Hunter-Lab	66.2328, 37.8703, -0.6103

Details

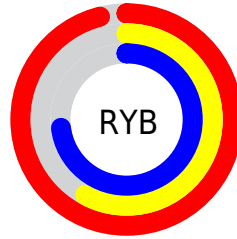
The XYZ color **57.0595, 43.8678, 52.4737** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.7064, 75.9167, 69.4786**, and the grayscale version is **43.8146, 46.0964, 50.1989**.

A 20% lighter version of the original color is **78.5382, 69.9721, 94.1606**, and **28.7993, 20.2914, 24.9530** is the 20% darker color. If you saturate the color by 10%, you get **52.1727, 36.4541, 43.5686**, and if you desaturate by 10%, it is **62.9168, 52.9708, 62.4766**.

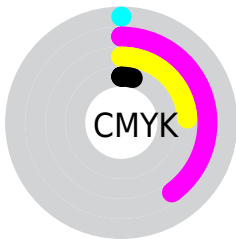
Distribution



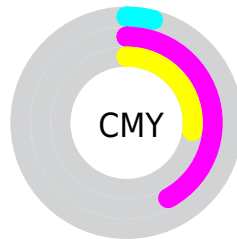
- Red (96%)
- Green (58%)
- Blue (73%)



- Red (96%)
- Yellow (58%)
- Blue (73%)



- Cyan (0%)
- Magenta (40%)
- Yellow (24%)
- Black (4%)





- Cyan (4%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0595, 43.8678, 52.4737 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 57.0595, 43.8678, 52.4737 by changing the saturation by 10% instead.


 57.0595, 43.8678,
52.4737


 57.0595, 43.8678,
52.4737


403.6828,
362.1685, 413.2715

 41.2933, 30.5666,
36.9979

 99.6829, 81.0188,
95.2632

 28.7370, 20.2690,
24.9101

 127.2708,
105.6373, 123.4139

 19.0253, 12.5908,
15.7917

159.5300,
134.7971, 156.6268

 11.7927, 7.1474,
9.2241

196.8258,
168.8826, 195.3203

 6.6738, 3.5544,
4.7888

239.5237,
208.2780, 239.9130

 3.3035, 1.4276,
2.0673

287.9889,

 1.3162, 0.2369,

253.3679, 290.8234

0.5962

342.5868,
304.5366, 348.4701

■ 0.1953, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0595, 43.8678,
52.4737

■ 57.0595, 43.8678,
52.4737

■ 52.1727, 36.4541,
43.5686

■ 62.9168, 52.9708,
62.4766

■ 48.1961, 30.6177,
35.7171

■ 69.7927, 63.8534,
73.6139

■ 45.0680, 26.2428,
28.8751

■ 77.7364, 76.6068,
85.9234

■ 42.7172, 23.1946,
22.9937

■ 86.7927, 91.3142,
99.4404

■ 41.0591, 21.3131,
18.0182

■ 91.4663, 98.1525,
108.7323

■ 39.9564, 20.3327,
13.8743

■ 39.9562, 20.3325,
13.8733

Harmonies

Analogous

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



53.8623, 43.8678, 75.5950



57.0595, 43.8678, 52.4737



55.7740, 43.8678, 33.6477

Triad

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



57.0595, 43.8678, 52.4737



36.4199, 43.8678, 19.7835



33.9563, 43.8678, 87.3198

Complementary

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



57.0595, 43.8678, 52.4737



55.7064, 75.9167, 69.4786

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.



30.2103, 43.8678, 65.3630



57.0595, 43.8678, 52.4737



31.5137, 43.8678, 27.7712

Square

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



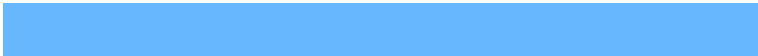
57.0595, 43.8678, 52.4737



43.3084, 43.8678, 18.1580



29.3705, 43.8678, 43.3460



40.1222, 43.8678, 99.1367

Rectangle

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



57.0595, 43.8678, 52.4737



52.6132, 43.8678, 25.3235



29.3705, 43.8678, 43.3460



32.4025, 43.8678, 80.6218

Sweetspot

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



57.0608, 43.8699, 52.4746



83.2731, 80.8945, 91.2609



51.8645, 40.3234, 91.4360



17.5724, 16.9098, 19.1474



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.



57.0608, 43.8699, 52.4746



58.0739, 41.3261, 49.4734



54.6734, 45.0195, 33.4145



16.7795, 16.5946, 18.5853



21.5898, 10.9793, 7.8140



1.9472, 0.9848, 0.9482

Inverse Universe

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



57.0608, 43.8699, 52.4746



58.0739, 41.3261, 49.4734



58.7514, 73.2686, 97.4321



16.7795, 16.5946, 18.5853



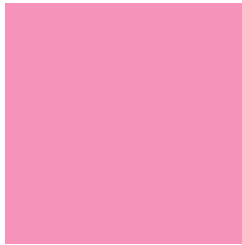
21.5898, 10.9793, 7.8140



1.9472, 0.9848, 0.9482

Previews

White Background



This preview shows how the XYZ color 57.0595, 43.8678, 52.4737 looks on a white background.

Color Contrast Check

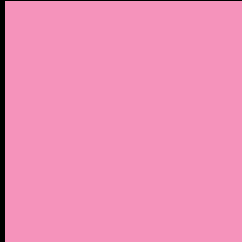
Large Text (above 18pt) WCAG AA × Fail

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 57.0595, 43.8678, 52.4737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

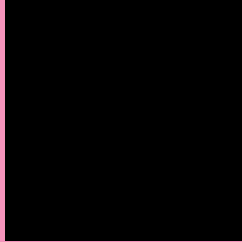
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0595, 43.8678, 52.4737

Background



This preview shows how black text looks on a background with the XYZ color 57.0595, 43.8678, 52.4737.



This preview shows how white text looks on a background with the XYZ color 57.0595, 43.8678,

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

57.0595, 43.8678, 52.4737

Protanopia

43.5580, 44.2291, 63.9989

Deuteranopia

45.0380, 44.1304, 50.9440



Tritanopia

54.6396, 43.8322, 40.2310

Trichromacy



Original Color

57.0595, 43.8678, 52.4737



Protanomaly

47.2014, 43.1296, 59.2631



Deuteranomaly

48.6129, 43.5040, 51.1823



Tritanomaly

55.6610, 44.0243, 44.5936

Monochromacy



Original Color

57.0595, 43.8678, 52.4737



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.6371, 44.6322, 50.9039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0595, 43.8678, 52.4737 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(245, 147, 187)` looks like.

```
.text, #text, p{  
    color:rgb(245, 147, 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(245, 147, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 147, 187) }
```

Border

The CSS property to change the border of an element to XYZ 57.0595, 43.8678, 52.4737 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(245, 147, 187) }
```


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

```
.border{ border-color:rgb(245, 147, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 147, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 147, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 147, 187);  
box-shadow:4px 4px 4px 4px rgb(245, 147,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0595, 43.8678, 52.4737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 147, 187) }
```

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

```
.background{ background-color: rgb(245,  
147, 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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