

Converting Colors

XYZ(58.5427, 40.4448, 55.2382)

Have a look what the booklet for
XYZ(58.5427, 40.4448, 55.2382)
contains.

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Color

**XYZ(58.5848, 40.5486,
55.1910)**

Conversions

Conversions Part 1

Format	Color
Hex	FF80C1
RGB	255, 128, 193
RGB Percent	100%, 50%, 76%
CMY	0.0000, 0.4980, 0.2431
CMYK	0.00, 0.50, 0.24, 0.00
HSL	329°, 100%, 75%
HSV	329°, 50%, 100%
XYZ	58.5848, 40.5486, 55.1910
YIQ	173.3830, 54.8270, 47.1390

Conversions

Conversions Part 2

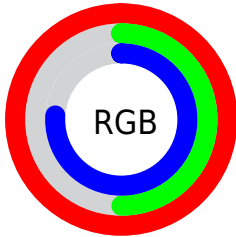
Format	Color
R _Y B	255, 128, 193
Decimal	16744641
CIE Lab	69.86, 55.44, -11.43
CIE LCh	70, 56.606, 348.347
Yxy	40.5486, 0.3796, 0.2627
Android (android.graphics.Color)	4294934721 (0xFFFF80C1)
YUV	173.3830, 9.6712, 71.5781
Hunter-Lab	63.6778, 52.7874, -6.8136

Details

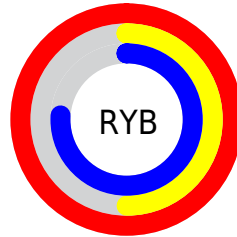
The XYZ color **58.5848, 40.5486, 55.1910** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.9581, 79.8277, 61.2833**, and the grayscale version is **39.8497, 41.9250, 45.6564**.

A 20% lighter version of the original color is **75.4794, 62.3805, 97.6850**, and **29.5484, 18.2313, 26.3877** is the 20% darker color. If you saturate the color by 10%, you get **54.3359, 34.1806, 47.2088**, and if you desaturate by 10%, it is **63.7883, 48.6384, 64.0691**.

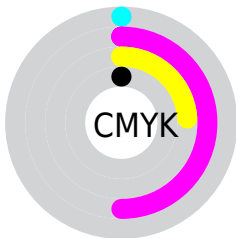
Distribution



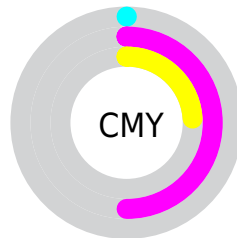
- Red (100%)
- Green (50%)
- Blue (76%)



- Red (100%)
- Yellow (50%)
- Blue (76%)



- Cyan (0%)
- Magenta (50%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (50%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5848, 40.5486, 55.1910 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 58.5848, 40.5486, 55.1910 by changing the saturation by 10% instead.


 58.5848, 40.5486,
55.1910

 58.5848, 40.5486,
55.1910


409.2803,
348.4304, 423.9379

 42.5241, 27.9665,
39.1550


 101.8921, 75.9982,
99.2947

 29.7048, 18.3004,
26.5716


 129.8693, 99.6345,
128.1995

 19.7616, 11.1659,
17.0222


 162.5494,
127.7243, 162.2310

 12.3291, 6.1785,
10.0882

200.2977,
160.6521, 201.8078

 7.0420, 2.9539,
5.3511

243.4796,
198.8022, 247.3483

 3.5350, 1.1077,
2.3924

292.4604,

 1.4426, 0.0000,

242.5590, 299.2711

0.7823

347.6056,
292.3070, 357.9948

■ 0.2862, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5848, 40.5486,
55.1910

■ 58.5848, 40.5486,
55.1910

■ 54.3359, 34.1806,
47.2088

■ 63.7883, 48.6384,
64.0691

■ 50.9718, 29.3997,
40.0839

■ 70.0033, 58.5598,
73.8744

■ 48.4175, 26.0608,
33.7769

■ 77.2856, 70.4200,
84.6391

■ 46.5829, 23.9884,
28.2425

■ 85.6860, 84.3165,
96.3930

■ 45.3256, 22.9030,
23.4172

95.0500, 100.0000,
108.9000

■ 45.3033, 22.8853,
23.3273

Harmonies

Analogous

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



53.3218, 40.5486, 87.0916



58.5848, 40.5486, 55.1910



57.8810, 40.5486, 30.0498

Triad

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



58.5848, 40.5486, 55.1910



33.2372, 40.5486, 11.4144



27.9409, 40.5486, 93.8363

Complementary

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



58.5848, 40.5486, 55.1910



53.9581, 79.8277, 61.2833

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.



24.0734, 40.5486, 62.0891



58.5848, 40.5486, 55.1910



26.7790, 40.5486, 18.3191

Square

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



58.5848, 40.5486, 55.1910



42.2237, 40.5486, 10.8044



23.6850, 40.5486, 34.6903



35.0774, 40.5486, 114.6511

Rectangle

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



58.5848, 40.5486, 55.1910



54.1402, 40.5486, 19.5927



23.6850, 40.5486, 34.6903



26.2678, 40.5486, 83.6184

Sweetspot

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



58.5858, 40.5505, 55.1918



81.1762, 76.8320, 90.1570



46.8525, 33.5286, 98.6100



17.0025, 15.8301, 18.7727



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.



58.5858, 40.5505, 55.1918



54.2606, 34.0704, 47.0589



52.9977, 38.3153, 25.7650



18.3974, 18.1423, 20.7100



23.7477, 11.9884, 12.5879



2.3674, 1.1894, 1.5164

Inverse Universe

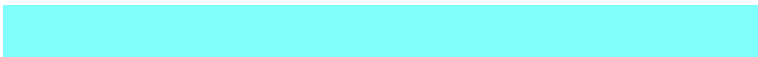
The Inverse Universe completely reimagines the original color for something new.



58.5858, 40.5505, 55.1918



54.2606, 34.0704, 47.0589



62.3742, 83.1942, 105.6018



18.3974, 18.1423, 20.7100



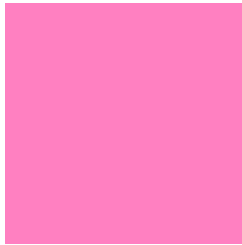
23.7477, 11.9884, 12.5879



2.3674, 1.1894, 1.5164

Previews

White Background



This preview shows how the XYZ color 58.5848, 40.5486, 55.1910 looks on a white background.

Color Contrast Check

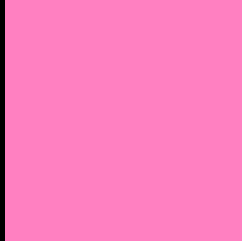
Large Text (above 18pt) WCAG AA × Fail

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 58.5848, 40.5486, 55.1910 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 58.5848, 40.5486, 55.1910

Background



This preview shows how black text looks on a background with the XYZ color 58.5848, 40.5486, 55.1910.



This preview shows how white text looks on a background with the XYZ color 58.5848, 40.5486,

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

58.5848, 40.5486, 55.1910

Protanopia

41.3397, 40.8655, 74.1156

Deuteranopia

41.6619, 40.6840, 52.6707



Tritanopia

53.9958, 40.5071, 32.5765

Trichromacy



Original Color

58.5848, 40.5486, 55.1910



Protanomaly

45.3058, 39.1518, 66.7972



Deuteranomaly

46.4260, 39.5405, 53.3293



Tritanomaly

55.3708, 40.4260, 40.0066

Monochromacy



Original Color

58.5848, 40.5486, 55.1910



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

44.9238, 40.1057, 48.5535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5848, 40.5486, 55.1910 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(255, 128, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 193)  
}
```

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(255, 128, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 193) }
```

Border

The CSS property to change the border of an element to XYZ 58.5848, 40.5486, 55.1910 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(255, 128, 193) }
```


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

```
.border{ border-color:rgb(255, 128, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 128, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5848, 40.5486, 55.1910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 193) }
```

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

```
.background{ background-color: rgb(255,  
128, 193) }
```

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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