

Converting Colors

XYZ(58.1200, 41.3446, 49.7161)

Have a look what the booklet for
XYZ(58.1200, 41.3446, 49.7161)
contains.

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Color

**XYZ(58.1748, 41.4540,
49.7350)**

Conversions

Conversions Part 1

Format	Color
Hex	FF85B7
RGB	255, 133, 183
RGB Percent	100%, 52%, 72%
CMY	0.0000, 0.4784, 0.2823
CMYK	0.00, 0.48, 0.28, 0.00
HSL	335°, 100%, 76%
HSV	335°, 48%, 100%
XYZ	58.1748, 41.4540, 49.7350
YIQ	175.1780, 56.6620, 41.4140

Conversions

Conversions Part 2

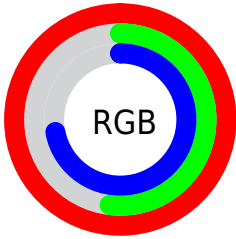
Format	Color
R_{YB}	255, 133, 183
Decimal	16745911
CIE _{Lab}	70.49, 51.71, -4.90
CIE _{LCh}	70, 51.942, 354.585
Yxy	41.4540, 0.3895, 0.2775
Android (android.graphics.Color)	4294935991 (0xFFFF85B7)
YUV	175.1780, 3.8562, 70.0039
Hunter-Lab	64.3848, 48.6101, -0.7301

Details

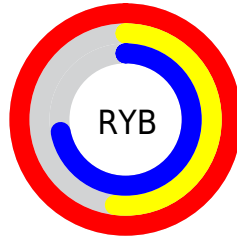
The XYZ color **58.1748, 41.4540, 49.7350** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.4542, 80.9152, 70.4045**, and the grayscale version is **40.8011, 42.9259, 46.7463**.

A 20% lighter version of the original color is **75.0176, 63.8872, 90.0390**, and **29.3309, 18.8058, 23.2031** is the 20% darker color. If you saturate the color by 10%, you get **53.6141, 34.7068, 40.8951**, and if you desaturate by 10%, it is **63.7525, 49.9667, 59.7412**.

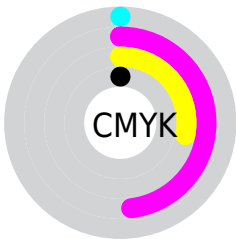
Distribution



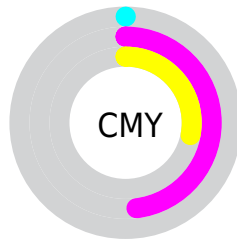
- Red (100%)
- Green (52%)
- Blue (72%)



- Red (100%)
- Yellow (52%)
- Blue (72%)



- Cyan (0%)
- Magenta (48%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (48%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1748, 41.4540, 49.7350 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 58.1748, 41.4540, 49.7350 by changing the saturation by 10% instead.


 58.1748, 41.4540,
49.7350


 58.1748, 41.4540,
49.7350


407.7803,
352.2145, 402.3341


 42.1930, 28.6740,
34.8332


 101.2989, 77.3726,
91.1744

 29.4442, 18.8343,
23.2519


 129.1718,
101.2800, 118.5490

 19.5631, 11.5506,
14.5726


 161.7393,
129.6653, 150.9183

 12.1843, 6.4385,
8.3767

199.3665,
162.9129, 188.7009

 6.9424, 3.1135,
4.2457

242.4188,
201.4073, 232.3152

 3.4721, 1.1913,
1.7611

291.2617,

 1.4081, 0.0546,

245.5327, 282.1798

0.4021

346.2604,
295.6737, 338.7132

■ 0.2620, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1748, 41.4540,
49.7350

■ 58.1748, 41.4540,
49.7350

■ 53.6141, 34.7068,
40.8951

■ 63.7525, 49.9667,
59.7412

■ 49.9994, 29.5923,
33.1708

■ 70.4050, 60.3532,
70.9564

■ 47.2556, 25.9684,
26.5100

■ 78.1896, 72.7201,
83.4237

■ 45.2929, 23.6654,
20.8544

■ 87.1584, 87.1640,
97.1834

■ 43.9933, 22.4570, 95.0500, 100.0000,
16.1340 108.9000

■ 43.7642, 22.2697,
15.2223

Harmonies

Analogous

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



54.4037, 41.4540, 78.3555



58.1748, 41.4540, 49.7350



56.3536, 41.4540, 28.2201

Triad

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



58.1748, 41.4540, 49.7350



32.9387, 41.4540, 14.3979



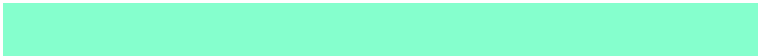
30.6072, 41.4540, 95.5176

Complementary

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



58.1748, 41.4540, 49.7350



56.4542, 80.9152, 70.4045

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.



26.2425, 41.4540, 67.7396



58.1748, 41.4540, 49.7350



27.4457, 41.4540, 22.9505

Square

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



58.1748, 41.4540, 49.7350



40.9754, 41.4540, 12.5822



25.1748, 41.4540, 40.8303



37.8671, 41.4540, 110.2534

Rectangle

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



58.1748, 41.4540, 49.7350



52.3320, 41.4540, 19.4638



25.1748, 41.4540, 40.8303



28.7972, 41.4540, 86.9987

Sweetspot

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



58.1759, 41.4560, 49.7358



81.4911, 78.0162, 88.5529



51.3869, 36.8584, 99.0137



17.0408, 16.0536, 18.3321



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.



58.1759, 41.4560, 49.7358



53.9599, 35.2092, 41.5943



55.3226, 42.6507, 27.5095



18.3180, 18.1105, 20.2916



22.9374, 11.6643, 8.3210



2.2860, 1.1568, 1.0874

Inverse Universe

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



58.1759, 41.4560, 49.7358



53.9599, 35.2092, 41.5943



60.3262, 77.4115, 106.3701



18.3180, 18.1105, 20.2916



22.9374, 11.6643, 8.3210



2.2860, 1.1568, 1.0874

Previews

White Background



This preview shows how the XYZ color 58.1748, 41.4540, 49.7350 looks on a white background.

Color Contrast Check

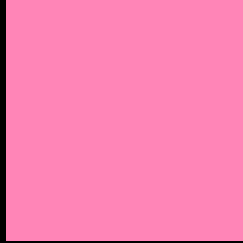
Large Text (above 18pt) WCAG AA × Fail

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 58.1748, 41.4540, 49.7350 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 58.1748, 41.4540, 49.7350

Background



This preview shows how black text looks on a background with the XYZ color 58.1748, 41.4540, 49.7350.



This preview shows how white text looks on a background with the XYZ color 58.1748, 41.4540,

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

58.1748, 41.4540, 49.7350

Protanopia

41.3424, 41.6301, 64.8879

Deuteranopia

42.2480, 41.3766, 47.3547



Tritanopia

54.8825, 41.3627, 33.9453

Trichromacy



Original Color

58.1748, 41.4540, 49.7350



Protanomaly

45.5387, 40.1969, 58.7847



Deuteranomaly

47.0094, 40.6944, 48.0250



Tritanomaly

55.9753, 41.3826, 39.2198

Monochromacy



Original Color

58.1748, 41.4540, 49.7350



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

45.5085, 41.1933, 47.6720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1748, 41.4540, 49.7350 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, 133, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 183)  
}
```

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, 133, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 183) }
```

Border

The CSS property to change the border of an element to XYZ 58.1748, 41.4540, 49.7350 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, 133, 183) }
```


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

```
.border{ border-color:rgb(255, 133, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 133, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1748, 41.4540, 49.7350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 183) }
```

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

```
.background{ background-color: rgb(255,  
133, 183) }
```

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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