

Converting Colors

XYZ(58.6652, 42.9775, 48.2259)

Have a look what the booklet for
XYZ(58.6652, 42.9775, 48.2259)
contains.

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Color

**XYZ(58.7108, 43.0205,
48.3894)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8BB4
RGB	255, 139, 180
RGB Percent	100%, 55%, 71%
CMY	0.0000, 0.4549, 0.2941
CMYK	0.00, 0.45, 0.29, 0.00
HSL	339°, 100%, 77%
HSV	339°, 45%, 100%
XYZ	58.7108, 43.0205, 48.3894
YIQ	178.3580, 55.9750, 37.3430

Conversions

Conversions Part 2

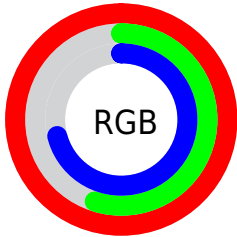
Format	Color
R_{YB}	255, 139, 180
Decimal	16747444
CIE _{Lab}	71.57, 48.37, -1.64
CIE _{LCh}	72, 48.400, 358.053
Yxy	43.0205, 0.3911, 0.2866
Android (android.graphics.Color)	4294937524 (0xFFFF8BB4)
YUV	178.3580, 0.8095, 67.2150
Hunter-Lab	65.5900, 44.9960, 2.1715

Details

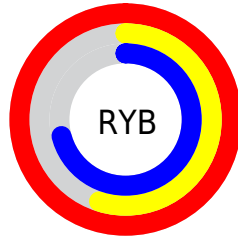
The XYZ color **58.7108, 43.0205, 48.3894** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.5470, 81.8649, 76.3382**, and the grayscale version is **42.4828, 44.6952, 48.6730**.

A 20% lighter version of the original color is **75.8954, 66.3463, 88.1629**, and **29.8442, 19.7651, 22.3207** is the 20% darker color. If you saturate the color by 10%, you get **53.8588, 35.8465, 38.9722**, and if you desaturate by 10%, it is **64.6259, 52.0006, 59.1477**.

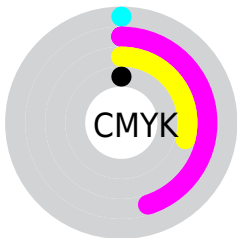
Distribution



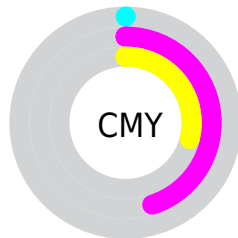
- Red (100%)
- Green (55%)
- Blue (71%)



- Red (100%)
- Yellow (55%)
- Blue (71%)



- Cyan (0%)
- Magenta (45%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7108, 43.0205, 48.3894 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 58.7108, 43.0205, 48.3894 by changing the saturation by 10% instead.


 58.7108, 43.0205,
48.3894


 58.7108, 43.0205,
48.3894


409.7406,
358.6961, 396.8867


 42.6258, 29.9012,
33.7732

 102.0743, 79.7418,
89.1555

 29.7849, 19.7636,
22.4435

 130.0835,
104.1126, 116.1424

 19.8226, 12.2233,
13.9817


 162.7981,
133.0026, 148.0900

 12.3737, 6.8960,
7.9693

200.5836,
166.7964, 185.4168

 7.0727, 3.3971,
3.9878

243.8052,
205.8782, 228.5413

 3.5544, 1.3424,
1.6187

292.8284,

 1.4532, 0.1737,

250.6325, 277.8821

0.3041

348.0184,
301.4437, 333.8577

■ 0.2937, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7108, 43.0205,
48.3894

■ 58.7108, 43.0205,
48.3894

■ 53.8588, 35.8465,
38.9722

■ 64.6259, 52.0006,
59.1477

■ 49.9987, 30.3480,
30.8366

■ 71.6622, 62.8929,
71.2978

■ 47.0558, 26.3868,
23.9217

■ 79.8776, 75.8026,
84.8906

■ 44.9419, 23.7996,
18.1594

■ 89.3246, 90.8256,
99.9736

■ 43.5495, 22.3847, 95.0500, 100.0000,
13.4724 108.9000

■ 43.0906, 22.0003,
11.6753

Harmonies

Analogous

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



55.7417, 43.0205, 74.9505



58.7108, 43.0205, 48.3894



56.4013, 43.0205, 28.6899

Triad

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



58.7108, 43.0205, 48.3894



33.9295, 43.0205, 17.2729



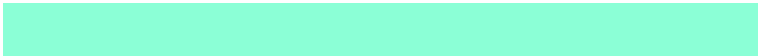
33.1186, 43.0205, 96.4075

Complementary

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



58.7108, 43.0205, 48.3894



58.5470, 81.8649, 76.3382

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.



28.5198, 43.0205, 71.3819



58.7108, 43.0205, 48.3894



28.9422, 43.0205, 26.8200

Square

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



58.7108, 43.0205, 48.3894



41.4265, 43.0205, 14.7038



27.0978, 43.0205, 45.3280



40.3576, 43.0205, 107.8289

Rectangle

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



58.7108, 43.0205, 48.3894



52.3310, 43.0205, 20.6905



27.0978, 43.0205, 45.3280



31.2508, 43.0205, 88.9704

Sweetspot

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



58.7119, 43.0226, 48.3902



81.2036, 77.9012, 87.0387



54.5705, 39.7542, 99.4049



16.9711, 16.0258, 17.9652



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.



58.7119, 43.0226, 48.3902



54.0718, 36.1563, 39.4011



57.5345, 46.3918, 30.3509



18.2745, 18.0931, 20.0627



22.5797, 11.5212, 6.4373



2.2481, 1.1416, 0.8880

Inverse Universe

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



58.7119, 43.0226, 48.3902



54.0718, 36.1563, 39.4011



59.7218, 74.7559, 105.8894



18.2745, 18.0931, 20.0627



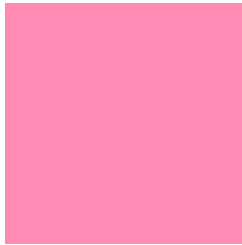
22.5797, 11.5212, 6.4373



2.2481, 1.1416, 0.8880

Previews

White Background



This preview shows how the XYZ color 58.7108, 43.0205, 48.3894 looks on a white background.

Color Contrast Check

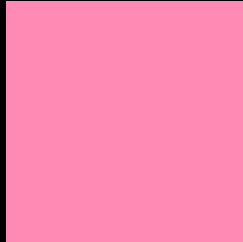
Large Text (above 18pt) WCAG AA × Fail

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 58.7108, 43.0205, 48.3894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

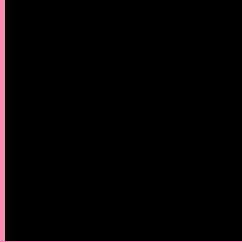
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7108, 43.0205, 48.3894

Background



This preview shows how black text looks on a background with the XYZ color 58.7108, 43.0205, 48.3894.



This preview shows how white text looks on a background with the XYZ color 58.7108, 43.0205,

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

58.7108, 43.0205, 48.3894

Protanopia

42.5913, 43.1943, 61.9696

Deuteranopia

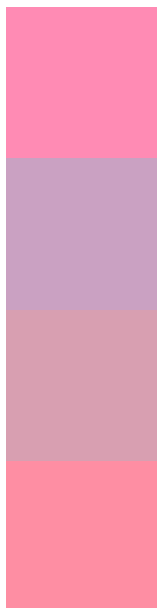
44.1049, 43.1821, 46.5678



Tritanopia

56.3140, 43.1623, 35.9349

Trichromacy



Original Color

58.7108, 43.0205, 48.3894

Protanomaly

46.8396, 41.9413, 56.6657

Deuteranomaly

48.6529, 42.5695, 47.2474

Tritanomaly

57.1569, 43.0612, 39.9495

Monochromacy



Original Color

58.7108, 43.0205, 48.3894

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

46.8657, 42.9274, 48.4636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7108, 43.0205, 48.3894 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, 139, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 180)  
}
```

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, 139, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 180) }
```

Border

The CSS property to change the border of an element to XYZ 58.7108, 43.0205, 48.3894 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, 139, 180) }
```


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

```
.border{ border-color:rgb(255, 139, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 139, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7108, 43.0205, 48.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 180) }
```

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

```
.background{ background-color: rgb(255,  
139, 180) }
```

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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