

Converting Colors

XYZ(62.6187, 45.3703, 46.8779)

Have a look what the booklet for
XYZ(62.6187, 45.3703, 46.8779)
contains.

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Color

**XYZ(58.5539, 43.1905,
46.8454)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8CB1
RGB	255, 140, 177
RGB Percent	100%, 55%, 69%
CMY	0.0000, 0.4510, 0.3059
CMYK	0.00, 0.45, 0.31, 0.00
HSL	341°, 100%, 77%
HSV	341°, 45%, 100%
XYZ	58.5539, 43.1905, 46.8454
YIQ	178.6030, 56.6630, 35.8870

Conversions

Conversions Part 2

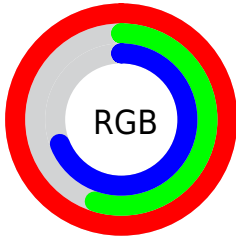
Format	Color
R_{YB}	255, 140, 177
Decimal	16747697
CIE _{Lab}	71.68, 47.50, 0.19
CIE _{LCh}	72, 47.496, 0.235
Yxy	43.1905, 0.3941, 0.2907
Android (android.graphics.Color)	4294937777 (0xFFFF8CB1)
YUV	178.6030, -0.7903, 67.0002
Hunter-Lab	65.7195, 44.0286, 3.7412

Details

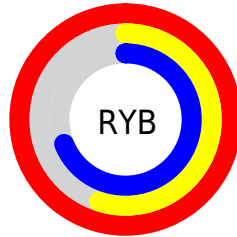
The XYZ color **58.5539, 43.1905, 46.8454** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.2321, 82.1583, 79.0702**, and the grayscale version is **42.6207, 44.8403, 48.8311**.

A 20% lighter version of the original color is **75.6879, 66.6230, 85.9611**, and **29.7944, 19.8720, 21.6674** is the 20% darker color. If you saturate the color by 10%, you get **53.6340, 35.9371, 37.2320**, and if you desaturate by 10%, it is **64.5578, 52.2620, 57.8992**.

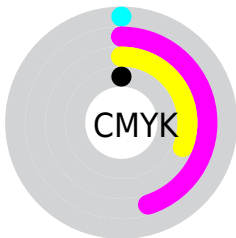
Distribution



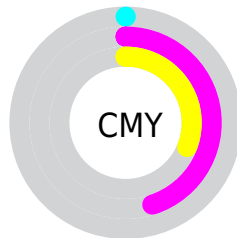
- Red (100%)
- Green (55%)
- Blue (69%)



- Red (100%)
- Yellow (55%)
- Blue (69%)



- Cyan (0%)
- Magenta (45%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5539, 43.1905, 46.8454 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 58.5539, 43.1905, 46.8454 by changing the saturation by 10% instead.


 58.5539, 43.1905,
46.8454


 58.5539, 43.1905,
46.8454


409.1674,
359.3946, 390.5730

 42.4991, 30.0346,
32.5600


 101.8474, 79.9983,
86.8304

 29.6851, 19.8649,
21.5212


 129.8167,
104.4189, 113.3670

 19.7466, 12.2968,
13.3106


162.4884,
133.3633, 144.8245

 12.3182, 6.9462,
7.5095

200.2276,
167.2158, 181.6213

 7.0345, 3.4285,
3.6995

243.3997,
206.3607, 224.1760

 3.5302, 1.3593,
1.4620

292.3702,

 1.4400, 0.1864,

251.1826, 272.9072

0.1894

347.5043,
302.0658, 328.2333

■ 0.2844, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5539, 43.1905,
46.8454

■ 58.5539, 43.1905,
46.8454

■ 53.6340, 35.9371,
37.2320

■ 64.5578, 52.2620,
57.8992

■ 49.7261, 30.3712,
28.9934

■ 71.7048, 63.2577,
70.4498

■ 46.7545, 26.3550,
22.0621

■ 80.0535, 76.2830,
84.5534

■ 44.6303, 23.7254,
16.3629

■ 89.6575, 91.4338,
100.2623

■ 43.2453, 22.2824, 95.0500, 100.0000,
11.8106 108.9000

■ 42.7643, 21.8697,
9.9569

Harmonies

Analogous

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



56.0048, 43.1905, 72.6413



58.5539, 43.1905, 46.8454



55.9267, 43.1905, 28.0527

Triad

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



58.5539, 43.1905, 46.8454



33.7409, 43.1905, 18.1870



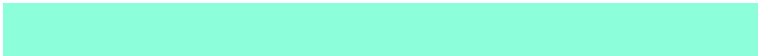
33.8375, 43.1905, 96.9500

Complementary

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



58.5539, 43.1905, 46.8454



59.2321, 82.1583, 79.0702

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.



29.0794, 43.1905, 73.0632



58.5539, 43.1905, 46.8454



29.0289, 43.1905, 28.2766

Square

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



58.5539, 43.1905, 46.8454



40.9878, 43.1905, 15.1707



27.4384, 43.1905, 47.2093



41.1148, 43.1905, 106.7331

Rectangle

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



58.5539, 43.1905, 46.8454



51.7676, 43.1905, 20.5223



27.4384, 43.1905, 47.2093



31.9264, 43.1905, 89.9875

Sweetspot

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



58.5550, 43.1926, 46.8462



81.0433, 77.8371, 86.1947



55.9461, 40.6793, 99.5109



16.9323, 16.0103, 17.7611



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.



58.5550, 43.1926, 46.8462



54.1223, 36.6470, 38.2167



58.4020, 48.0093, 31.0023



18.2502, 18.0834, 19.9347



22.4053, 11.4514, 5.5190



2.2290, 1.1340, 0.7872

Inverse Universe

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



58.5550, 43.1926, 46.8462



54.1223, 36.6470, 38.2167



58.8142, 72.6917, 105.5388



18.2502, 18.0834, 19.9347



22.4053, 11.4514, 5.5190



2.2290, 1.1340, 0.7872

Previews

White Background



This preview shows how the XYZ color 58.5539, 43.1905, 46.8454 looks on a white background.

Color Contrast Check

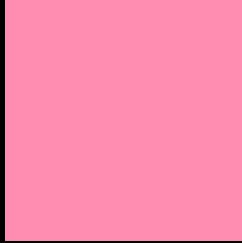
Large Text (above 18pt) WCAG AA × Fail

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 58.5539, 43.1905, 46.8454 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 58.5539, 43.1905, 46.8454

Background



This preview shows how black text looks on a background with the XYZ color 58.5539, 43.1905, 46.8454.



This preview shows how white text looks on a background with the XYZ color 58.5539, 43.1905,

46.8454.

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

58.5539, 43.1905, 46.8454

Protanopia

42.7566, 43.6214, 59.5923

Deuteranopia

44.3268, 43.3301, 45.0570



Tritanopia

56.3977, 43.1957, 36.3755

Trichromacy



Original Color

58.5539, 43.1905, 46.8454



Protanomaly

46.8432, 42.2549, 54.4023



Deuteranomaly

48.6534, 42.6040, 45.7035



Tritanomaly

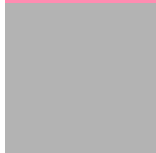
57.3064, 43.3601, 39.9993

Monochromacy



Original Color

58.5539, 43.1905, 46.8454



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

47.2231, 43.3900, 48.0057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5539, 43.1905, 46.8454 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, 140, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 177)  
}
```

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, 140, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 177) }
```

Border

The CSS property to change the border of an element to XYZ 58.5539, 43.1905, 46.8454 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, 140, 177) }
```


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

```
.border{ border-color:rgb(255, 140, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 140, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 140, 177); box-shadow:4px 4px 4px 4px rgb(255, 140, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5539, 43.1905, 46.8454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 177) }
```

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

```
.background{ background-color: rgb(255,  
140, 177) }
```

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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