

Converting Colors

XYZ(80.0610, 54.1460, 49.7056)

Have a look what the booklet for
XYZ(80.0610, 54.1460, 49.7056)
contains.

XYZ(58.9586, 43.3524, 48.9764)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.9586, 43.3524,
48.9764)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8CB5
RGB	255, 140, 181
RGB Percent	100%, 55%, 71%
CMY	0.0000, 0.4510, 0.2902
CMYK	0.00, 0.45, 0.29, 0.00
HSL	339°, 100%, 77%
HSV	339°, 45%, 100%
XYZ	58.9586, 43.3524, 48.9764
YIQ	179.0590, 55.3790, 37.1310

Conversions

Conversions Part 2

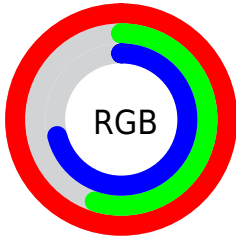
Format	Color
R_{YB}	255, 140, 181
Decimal	16747701
CIE _{Lab}	71.79, 48.00, -1.87
CIE _{LCh}	72, 48.038, 357.767
Yxy	43.3524, 0.3897, 0.2866
Android (android.graphics.Color)	4294937781 (0xFFFF8CB5)
YUV	179.0590, 0.9569, 66.6003
Hunter-Lab	65.8425, 44.6131, 1.9874

Details

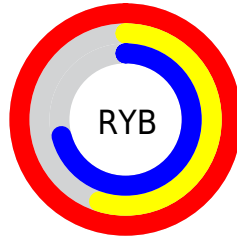
The XYZ color **58.9586, 43.3524, 48.9764** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.7148, 81.9514, 76.3462**, and the grayscale version is **42.8548, 45.0866, 49.0993**.

A 20% lighter version of the original color is **76.2660, 66.8543, 89.0053**, and **29.9890, 19.9499, 22.6922** is the 20% darker color. If you saturate the color by 10%, you get **54.0691, 36.1111, 39.5230**, and if you desaturate by 10%, it is **64.9119, 52.4036, 59.7639**.

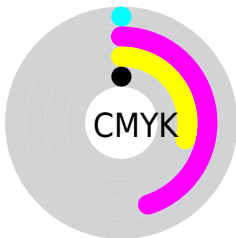
Distribution



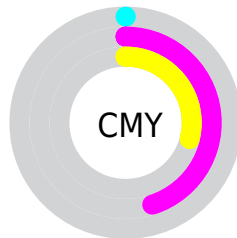
- Red (100%)
- Green (55%)
- Blue (71%)



- 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 58.9586, 43.3524, 48.9764 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 58.9586, 43.3524, 48.9764 by changing the saturation by 10% instead.


 58.9586, 43.3524,
48.9764


 58.9586, 43.3524,
48.9764


410.6450,
360.0590, 399.2692

 42.8260, 30.1617,
34.2353


 102.4325, 80.2424,
90.0370

 29.9426, 19.9614,
22.7956


 130.5045,
104.7105, 117.1936

 19.9429, 12.3670,
14.2388


163.2870,
133.7064, 149.3258

 12.4615, 6.9941,
8.1463

201.1454,
167.6148, 186.8521

 7.1332, 3.4584,
4.0996

244.4451,
206.8198, 230.1910

 3.5926, 1.3755,
1.6801

293.5513,

 1.4744, 0.1986,

251.7059, 279.7612

0.3471

348.8295,
302.6575, 335.9810

■ 0.3083, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9586, 43.3524,
48.9764

■ 58.9586, 43.3524,
48.9764

■ 54.0691, 36.1111,
39.5230

■ 64.9119, 52.4036,
59.7639

■ 50.1727, 30.5498,
31.3448

■ 71.9869, 63.3705,
71.9354

■ 47.1950, 26.5312,
24.3817

■ 80.2412, 76.3580,
85.5413

■ 45.0488, 23.8929,
18.5667

■ 89.7271, 91.4616,
100.6286

■ 43.6276, 22.4354,
13.8237

95.0500, 100.0000,
108.9000

■ 43.1242, 22.0137,
11.8522

Harmonies

Analogous

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



55.9553, 43.3524, 75.4600



58.9586, 43.3524, 48.9764



56.7086, 43.3524, 29.2094

Triad

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



58.9586, 43.3524, 48.9764



34.3184, 43.3524, 17.5587



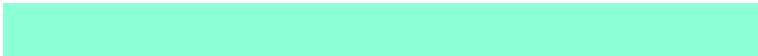
33.3893, 43.3524, 96.3370

Complementary

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



58.9586, 43.3524, 48.9764



58.7148, 81.9514, 76.3462

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.



28.8211, 43.3524, 71.3885



58.9586, 43.3524, 48.9764



29.3057, 43.3524, 27.0616

Square

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



58.9586, 43.3524, 48.9764



41.8197, 43.3524, 15.0317



27.4297, 43.3524, 45.4737



40.5967, 43.3524, 107.8570

Rectangle

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



58.9586, 43.3524, 48.9764



52.6783, 43.3524, 21.1346



27.4297, 43.3524, 45.4737



31.5320, 43.3524, 88.9101

Sweetspot

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



58.9597, 43.3545, 48.9772



81.2191, 77.9074, 87.1207



54.8221, 40.0999, 99.4583



16.9749, 16.0273, 17.9851



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.



58.9597, 43.3545, 48.9772



54.5549, 36.8201, 40.4952



57.7521, 46.7095, 30.7857



18.2769, 18.0941, 20.0751



22.5976, 11.5283, 6.5316



2.2501, 1.1424, 0.8982

Inverse Universe

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



58.9597, 43.3545, 48.9772



54.5549, 36.8201, 40.4952



59.9287, 74.9207, 105.9103



18.2769, 18.0941, 20.0751



22.5976, 11.5283, 6.5316



2.2501, 1.1424, 0.8982

Previews

White Background



This preview shows how the XYZ color 58.9586, 43.3524, 48.9764 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 58.9586, 43.3524, 48.9764 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 58.9586, 43.3524, 48.9764

Background



This preview shows how black text looks on a background with the XYZ color 58.9586, 43.3524, 48.9764.



This preview shows how white text looks on a background with the XYZ color 58.9586, 43.3524,

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

58.9586, 43.3524, 48.9764

Protanopia

43.0039, 43.6949, 62.0445

Deuteranopia

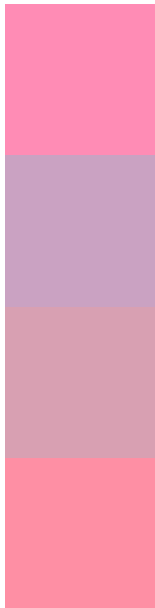
44.3917, 43.5979, 47.1498



Tritanopia

56.5498, 43.5000, 36.4262

Trichromacy



Original Color

58.9586, 43.3524, 48.9764

Protanomaly

47.0151, 42.2923, 56.7242

Deuteranomaly

48.9256, 42.9549, 47.8319

Tritanomaly

57.3964, 43.3961, 40.4731

Monochromacy



Original Color

58.9586, 43.3524, 48.9764

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

47.4255, 43.4710, 49.0712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9586, 43.3524, 48.9764 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 181) }
```

Border

The CSS property to change the border of an element to XYZ 58.9586, 43.3524, 48.9764 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, 181) }
```


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

```
.border{ border-color:rgb(255, 140, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 140, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 140, 181); box-shadow:4px 4px 4px 4px rgb(255, 140, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9586, 43.3524, 48.9764 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, 181) }
```

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

```
.background{ background-color: rgb(255,  
140, 181) }
```

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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