

Converting Colors

XYZ(59.3241, 43.5571, 50.7210)

Have a look what the booklet for
XYZ(59.3241, 43.5571, 50.7210)
contains.

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Color

**XYZ(59.2698, 43.4769,
50.6154)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8CB8
RGB	255, 140, 184
RGB Percent	100%, 55%, 72%
CMY	0.0000, 0.4510, 0.2784
CMYK	0.00, 0.45, 0.28, 0.00
HSL	337°, 100%, 77%
HSV	337°, 45%, 100%
XYZ	59.2698, 43.4769, 50.6154
YIQ	179.4010, 54.4160, 38.0640

Conversions

Conversions Part 2

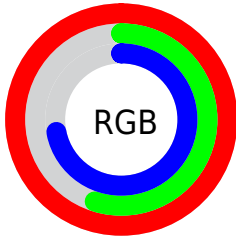
Format	Color
R _Y B	255, 140, 184
Decimal	16747704
CIE Lab	71.88, 48.39, -3.42
CIE LCh	72, 48.509, 355.960
Yxy	43.4769, 0.3865, 0.2835
Android (android.graphics.Color)	4294937784 (0xFFFF8CB8)
YUV	179.4010, 2.2673, 66.3003
Hunter-Lab	65.9370, 45.0612, 0.6430

Details

The XYZ color **59.2698, 43.4769, 50.6154** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.3351, 81.7995, 74.3465**, and the grayscale version is **43.0309, 45.2718, 49.3010**.

A 20% lighter version of the original color is **76.7081, 67.0311, 91.3334**, and **30.1895, 20.0300, 23.7478** is the 20% darker color. If you saturate the color by 10%, you get **54.4065, 36.2461, 41.2999**, and if you desaturate by 10%, it is **65.1824, 52.5118, 61.1878**.

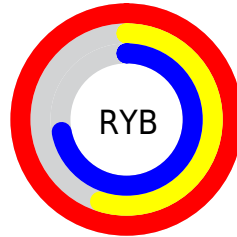
Distribution



Red (100%)

Green (55%)

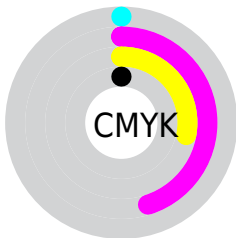
Blue (72%)



Red (100%)

Yellow (55%)

Blue (72%)

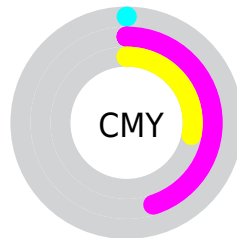


Cyan (0%)

Magenta (45%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2698, 43.4769, 50.6154 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 59.2698, 43.4769, 50.6154 by changing the saturation by 10% instead.

59.2698, 43.4769,
50.6154

59.2698, 43.4769,
50.6154

411.7790,
360.5694, 405.8715

43.0776, 30.2595,
35.5280

102.8821, 80.4300,
92.4917

30.1408, 20.0356,
23.7831

131.0328,
104.9345, 120.1177

20.0941, 12.4209,
14.9621

163.9004,
133.9702, 152.7603

12.5721, 7.0310,
8.6465

201.8503,
167.9213, 190.8380

7.2095, 3.4815,
4.4177

245.2477,
207.1725, 234.7695

3.6410, 1.3880,
1.8572

294.4580,

1.5011, 0.2078,

252.1079, 284.9732

0.4653

349.8467,
303.1121, 341.8677

■ 0.3266, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2698, 43.4769,
50.6154

■ 59.2698, 43.4769,
50.6154

■ 54.4065, 36.2461,
41.2999

■ 65.1824, 52.5118,
61.1878

■ 50.5225, 30.6898,
33.1871

■ 72.2011, 63.4562,
73.0631

■ 47.5445, 26.6709,
26.2219

■ 80.3828, 76.4148,
86.2873

■ 45.3860, 24.0277,
20.3425

■ 89.7794, 91.4826,
100.9039

■ 43.9419, 22.5611, 95.0500, 100.0000,
15.4788 108.9000

■ 43.4238, 22.1335,
13.4295

Harmonies

Analogous

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



55.9249, 43.4769, 77.6255



59.2698, 43.4769, 50.6154



57.3048, 43.4769, 30.0945

Triad

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



59.2698, 43.4769, 50.6154



34.7561, 43.4769, 17.0966



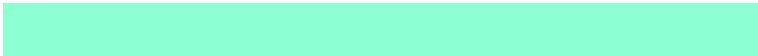
33.0581, 43.4769, 95.8966

Complementary

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



59.2698, 43.4769, 50.6154



58.3351, 81.7995, 74.3465

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.



28.6295, 43.4769, 70.1623



59.2698, 43.4769, 50.6154



29.5143, 43.4769, 26.1756

Square

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



59.2698, 43.4769, 50.6154



42.4522, 43.4769, 14.9263



27.4235, 43.4769, 44.2070



40.2149, 43.4769, 108.7224

Rectangle

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



59.2698, 43.4769, 50.6154



53.3720, 43.4769, 21.5990



27.4235, 43.4769, 44.2070



31.2402, 43.4769, 88.1242

Sweetspot

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



59.2710, 43.4790, 50.6162



81.3518, 77.9605, 87.8195



54.2700, 39.8152, 99.4325



17.0070, 16.0401, 18.1543



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.



59.2710, 43.4790, 50.6162



54.8902, 36.9542, 42.2606



57.4347, 46.0748, 30.6799



18.2969, 18.1021, 20.1808



22.7570, 11.5921, 7.3706



2.2671, 1.1492, 0.9879

Inverse Universe

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



59.2710, 43.4790, 50.6162



54.8902, 36.9542, 42.2606



60.4949, 76.0531, 106.0990



18.2969, 18.1021, 20.1808



22.7570, 11.5921, 7.3706



2.2671, 1.1492, 0.9879

Previews

White Background



This preview shows how the XYZ color 59.2698, 43.4769, 50.6154 looks on a white background.

Color Contrast Check

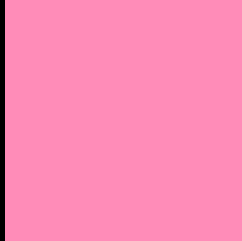
Large Text (above 18pt) WCAG AA × Fail

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 59.2698, 43.4769, 50.6154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

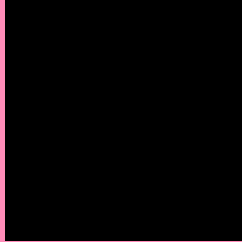
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2698, 43.4769, 50.6154

Background



This preview shows how black text looks on a background with the XYZ color 59.2698, 43.4769, 50.6154.



This preview shows how white text looks on a background with the XYZ color 59.2698, 43.4769,

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

59.2698, 43.4769, 50.6154

Protanopia

43.2651, 43.7741, 64.5614

Deuteranopia

44.6919, 43.7179, 48.7307



Tritanopia

56.2710, 43.3465, 36.8534

Trichromacy



Original Color

59.2698, 43.4769, 50.6154

Protanomaly

47.4705, 42.4744, 59.1225

Deuteranomaly

49.2302, 43.0767, 49.4360

Tritanomaly

57.2134, 43.2807, 41.4149

Monochromacy



Original Color

59.2698, 43.4769, 50.6154

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

47.5277, 43.5119, 49.6097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2698, 43.4769, 50.6154 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 184) }
```

Border

The CSS property to change the border of an element to XYZ 59.2698, 43.4769, 50.6154 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, 184) }
```


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

```
.border{ border-color:rgb(255, 140, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2698, 43.4769, 50.6154 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, 184) }
```

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

```
.background{ background-color: rgb(255,  
140, 184) }
```

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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