

Converting Colors

XYZ(54.8951, 42.3743, 48.6265)

Have a look what the booklet for
XYZ(54.8951, 42.3743, 48.6265)
contains.

XYZ(54.9816, 42.4233, 48.4707)	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(54.9816, 42.4233,
48.4707)**

Conversions

Conversions Part 1

Format	Color
Hex	F291B4
RGB	242, 145, 180
RGB Percent	95%, 57%, 71%
CMY	0.0510, 0.4313, 0.2941
CMYK	0.00, 0.40, 0.26, 0.05
HSL	338°, 79%, 76%
HSV	338°, 40%, 95%
XYZ	54.9816, 42.4233, 48.4707
YIQ	177.9930, 46.5770, 31.4490

Conversions

Conversions Part 2

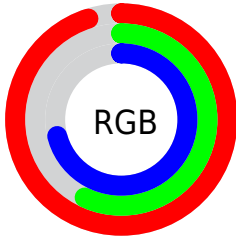
Format	Color
R_{YB}	242, 145, 180
Decimal	15897012
CIE _{Lab}	71.16, 40.91, -2.43
CIE _{LCh}	71, 40.985, 356.598
Yxy	42.4233, 0.3769, 0.2908
Android (android.graphics.Color)	4294087092 (0xFFFF291B4)
YUV	177.9930, 0.9895, 56.1341
Hunter-Lab	65.1332, 36.6962, 1.4709

Details

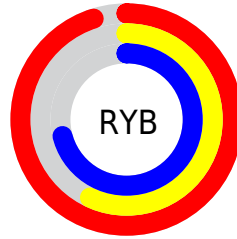
The XYZ color **54.9816, 42.4233, 48.4707** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.6936, 74.0302, 70.4417**, and the grayscale version is **42.2920, 44.4945, 48.4545**.

A 20% lighter version of the original color is **77.0346, 68.6247, 88.5426**, and **27.4251, 19.3769, 22.3733** is the 20% darker color. If you saturate the color by 10%, you get **50.1810, 35.2046, 39.5248**, and if you desaturate by 10%, it is **60.7480, 51.2915, 58.6072**.

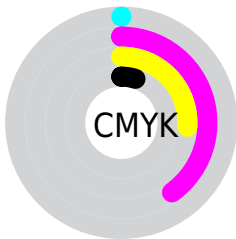
Distribution



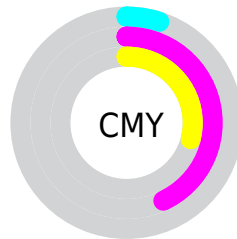
- Red (95%)
- Green (57%)
- Blue (71%)



- Red (95%)
- Yellow (57%)
- Blue (71%)



- Cyan (0%)
- Magenta (40%)
- Yellow (26%)
- Black (5%)





- Cyan (5%)
- Magenta (43%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9816, 42.4233, 48.4707 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 54.9816, 42.4233, 48.4707 by changing the saturation by 10% instead.


 54.9816, 42.4233,
48.4707


 54.9816, 42.4233,
48.4707


395.9797,
356.2347, 397.2172

 39.6208, 29.4329,
33.8372


 96.6625, 78.8399,
89.2776

 27.4259, 19.4085,
22.4922


 123.7132,
103.0348, 116.2881

 18.0316, 11.9658,
14.0172


155.3914,
131.7334, 148.2613

 11.0725, 6.7204,
7.9938

192.0622,
165.3200, 185.6158

 6.1833, 3.2879,
4.0032

234.0911,
204.1791, 228.7701

 2.9985, 1.2838,
1.6271

281.8434,

 1.1530, 0.1286,

248.6949, 278.1428

0.3101

335.6845,
299.2520, 334.1523

■ 0.0688, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9816, 42.4233,
48.4707

■ 54.9816, 42.4233,
48.4707

■ 50.1810, 35.2046,
39.5248

■ 60.7480, 51.2915,
58.6072

■ 46.2864, 29.5260,
31.7198

■ 67.5282, 61.8972,
69.9760

■ 43.2367, 25.2747,
25.0059

■ 75.3710, 74.3296,
82.6196

■ 40.9610, 22.3191,
19.3278

■ 84.3211, 88.6698,
96.5779

■ 39.3759, 20.5032,
14.6240

■ 90.4281, 97.6173,
108.6837

■ 38.3512, 19.5706,
10.8400

Harmonies

Analogous

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



52.3724, 42.4233, 70.2769



54.9816, 42.4233, 48.4707



53.3101, 42.4233, 31.2527

Triad

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



54.9816, 42.4233, 48.4707



34.6976, 42.4233, 19.9696



33.4850, 42.4233, 85.4711

Complementary

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



54.9816, 42.4233, 48.4707



54.6936, 74.0302, 70.4417

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.



29.6360, 42.4233, 65.2632



54.9816, 42.4233, 48.4707



30.2783, 42.4233, 28.3539

Square

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



54.9816, 42.4233, 48.4707



41.1102, 42.4233, 17.8041



28.5316, 42.4233, 43.9854



39.5441, 42.4233, 95.1209

Rectangle

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



54.9816, 42.4233, 48.4707



50.0859, 42.4233, 23.8147



28.5316, 42.4233, 43.9854



31.9175, 42.4233, 79.4507

Sweetspot

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



54.9828, 42.4253, 48.4715



83.0624, 80.8102, 90.1512



51.7282, 39.8478, 88.9699



17.5229, 16.8900, 18.8870



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.



54.9828, 42.4253, 48.4715



57.4849, 41.0905, 46.3717



53.9459, 45.3547, 32.7016



16.0084, 15.8531, 17.6007



20.6620, 10.5372, 6.1365



1.7649, 0.8950, 0.7528

Inverse Universe

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



54.9828, 42.4253, 48.4715



57.4849, 41.0905, 46.3717



55.7434, 68.5074, 94.2901



16.0084, 15.8531, 17.6007



20.6620, 10.5372, 6.1365



1.7649, 0.8950, 0.7528

Previews

White Background



This preview shows how the XYZ color 54.9816, 42.4233, 48.4707 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 54.9816, 42.4233, 48.4707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

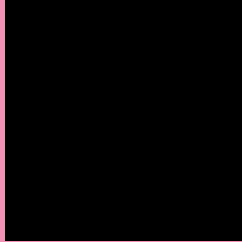
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9816, 42.4233, 48.4707

Background



This preview shows how black text looks on a background with the XYZ color 54.9816, 42.4233, 48.4707.



This preview shows how white text looks on a background with the XYZ color 54.9816, 42.4233,

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

54.9816, 42.4233, 48.4707

Protanopia

41.8162, 42.5763, 58.8374

Deuteranopia

43.5103, 42.5869, 47.0011



Tritanopia

53.0278, 42.5582, 38.6774

Trichromacy



Original Color

54.9816, 42.4233, 48.4707



Protanomaly

45.5271, 41.8263, 54.9640



Deuteranomaly

47.0850, 42.0176, 47.2235



Tritanomaly

53.8406, 42.6706, 41.9578

Monochromacy



Original Color

54.9816, 42.4233, 48.4707



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

45.8603, 42.9446, 48.5199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9816, 42.4233, 48.4707 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(242, 145, 180)` looks like.

```
.text, #text, p{  
    color:rgb(242, 145, 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(242, 145, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 145, 180) }
```

Border

The CSS property to change the border of an element to XYZ 54.9816, 42.4233, 48.4707 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(242, 145, 180) }
```


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

```
.border{ border-color:rgb(242, 145, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 145, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 145, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 145, 180);  
box-shadow:4px 4px 4px 4px rgb(242, 145,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9816, 42.4233, 48.4707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 145, 180) }
```

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

```
.background{ background-color: rgb(242,  
145, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor