

# Converting Colors

XYZ(57.4241, 44.0340, 54.3243)

Have a look what the booklet for  
XYZ(57.4241, 44.0340, 54.3243)  
contains.

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# Color

**XYZ(57.3842, 43.9976,  
54.1831)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F593BE
RGB	245, 147, 190
RGB Percent	96%, 58%, 75%
CMY	0.0392, 0.4235, 0.2549
CMYK	0.00, 0.40, 0.22, 0.04
HSL	334°, 83%, 77%
HSV	334°, 40%, 96%
XYZ	57.3842, 43.9976, 54.1831
YIQ	181.2040, 44.6050, 34.1490

# Conversions

## Conversions Part 2

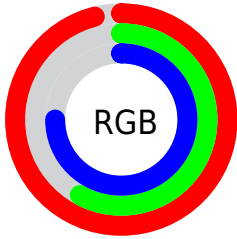
Format	Color
R <sub>Y</sub> B	245, 147, 190
Decimal	16094142
CIE Lab	72.23, 42.30, -6.37
CIE LCh	72, 42.781, 351.433
Yxy	43.9976, 0.3689, 0.2828
Android (android.graphics.Color)	4294284222 (0xFFFF593BE)
YUV	181.2040, 4.3364, 55.9491
Hunter-Lab	66.3307, 38.3457, -2.0003

# Details

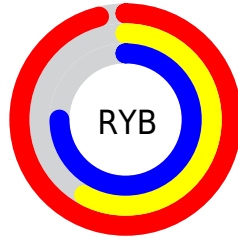
The XYZ color **57.3842, 43.9976, 54.1831** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **55.3477, 75.7734, 67.5894**, and the grayscale version is **43.9928, 46.2839, 50.4032**.

A 20% lighter version of the original color is **78.9951, 70.1549, 96.5665**, and **29.0116, 20.3763, 26.0709** is the 20% darker color. If you saturate the color by 10%, you get **52.5395, 36.6008, 45.4997**, and if you desaturate by 10%, it is **63.1845, 53.0778, 63.8856**.

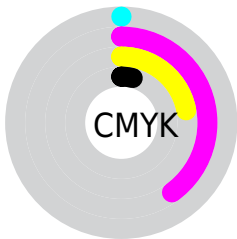
# Distribution



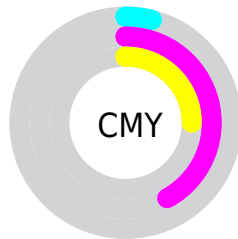
- Red (96%)
- Green (58%)
- Blue (75%)



- Red (96%)
- Yellow (58%)
- Blue (75%)



- Cyan (0%)
- Magenta (40%)
- Yellow (22%)
- Black (4%)




- Cyan (4%)
- Magenta (42%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3842, 43.9976, 54.1831 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 57.3842, 43.9976, 54.1831 by changing the saturation by 10% instead.





 57.3842, 43.9976,  
54.1831


 57.3842, 43.9976,  
54.1831


404.8783,  
362.6985, 420.0022

 41.5551, 30.6686,  
38.3539

 100.1537, 81.2141,  
97.8021

 28.9427, 20.3466,  
25.9535

 127.8248,  
105.8705, 126.4291

 19.1815, 12.6473,  
16.5634


160.1740,  
135.0714, 160.1590

 11.9063, 7.1861,  
9.7651

197.5666,  
169.2013, 199.4104

 6.7517, 3.5788,  
5.1399

240.3680,  
208.6446, 244.6019

 3.3522, 1.4408,  
2.2694

288.9435,

 1.3426, 0.2465,

253.7856, 296.1520

0.7140

343.6585,  
305.0088, 354.4792

■ 0.2148, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 57.3842, 43.9976,  
54.1831

■ 57.3842, 43.9976,  
54.1831

■ 52.5395, 36.6008,  
45.4997

■ 63.1845, 53.0778,  
63.8856

■ 48.5908, 30.7755,  
37.7949

■ 69.9876, 63.9312,  
74.6400

■ 45.4771, 26.4064,  
31.0287

■ 77.8423, 76.6490,  
86.4809

■ 43.1280, 23.3589,  
25.1565

■ 86.7928, 91.3141,  
99.4402

■ 41.4600, 21.4735,  
20.1284

■ 91.4664, 98.1526,  
108.7323

■ 40.3365, 20.4847,  
15.8752

■ 40.3363, 20.4845,  
15.8743

# Harmonies

## Analogous

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



53.8523, 43.9976, 77.7812



57.3842, 43.9976, 54.1831



56.3794, 43.9976, 34.6023

# Triad

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



57.3842, 43.9976, 54.1831



36.8704, 43.9976, 19.2719



33.6224, 43.9976, 86.9675

# Complementary

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



57.3842, 43.9976, 54.1831



55.3477, 75.7734, 67.5894

# 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.



30.0088, 43.9976, 64.2452



57.3842, 43.9976, 54.1831



31.7257, 43.9976, 26.8671

# Square

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



57.3842, 43.9976, 54.1831



43.9563, 43.9976, 18.0225



29.3575, 43.9976, 42.1333



39.7509, 43.9976, 100.0199



# Rectangle

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



57.3842, 43.9976, 54.1831



53.3171, 43.9976, 25.8279



29.3575, 43.9976, 42.1333



32.1045, 43.9976, 79.9396

# Sweetspot

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



57.3855, 43.9997, 54.1840



83.4103, 80.9494, 91.9833



50.9776, 39.8661, 91.3948



17.6046, 16.9227, 19.3170



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.



57.3855, 43.9997, 54.1840



58.4680, 41.4838, 51.5488



54.1363, 43.9453, 33.2353



16.8011, 16.6033, 18.6993



21.7967, 11.0621, 8.9039



1.9664, 0.9925, 1.0496



# Inverse Universe

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



57.3855, 43.9997, 54.1840



58.4680, 41.4838, 51.5488



59.7051, 75.1759, 97.7503



16.8011, 16.6033, 18.6993



21.7967, 11.0621, 8.9039



1.9664, 0.9925, 1.0496



# Previews

## White Background



This preview shows how the XYZ color 57.3842, 43.9976, 54.1831 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 57.3842, 43.9976, 54.1831 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

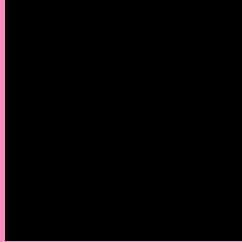
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 57.3842, 43.9976, 54.1831**

## **Background**



This preview shows how black text looks on a background with the XYZ color 57.3842, 43.9976, 54.1831.



This preview shows how white text looks on a background with the XYZ color 57.3842, 43.9976,



# 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

57.3842, 43.9976, 54.1831

### Protanopia

43.7051, 44.2627, 65.9146

### Deuteranopia

45.1013, 44.1266, 52.5946



## Tritanopia

54.4570, 43.9781, 40.2687

# Trichromacy



## Original Color

57.3842, 43.9976, 54.1831



## Protanomaly

47.2865, 43.1331, 61.0916



## Deuteranomaly

48.9308, 43.6311, 52.8564



## Tritanomaly

55.4113, 43.8845, 45.0852

# Monochromacy



## Original Color

57.3842, 43.9976, 54.1831



## Achromatopsia

43.9204, 46.2077, 50.3202



## Achromatomaly

47.7415, 44.6740, 51.4541

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.3842, 43.9976, 54.1831 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(245, 147, 190)` looks like.

```
.text, #text, p{  
    color:rgb(245, 147, 190)  
}
```

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(245, 147, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 147, 190) }
```

## Border

The CSS property to change the border of an element to XYZ 57.3842, 43.9976, 54.1831 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(245, 147, 190) }
```



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

```
.border{ border-color:rgb(245, 147, 190) }
```

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

Here you see how a box with a 4 pixel rgb(245, 147, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 147, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 147, 190);  
box-shadow:4px 4px 4px 4px rgb(245, 147,  
190) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.3842, 43.9976, 54.1831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 147, 190) }
```

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

```
.background{ background-color: rgb(245,  
147, 190) }
```

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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