

# Converting Colors

XYZ(58.5076, 50.0771, 46.1173)

Have a look what the booklet for  
XYZ(58.5076, 50.0771, 46.1173)  
contains.

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# Color

**XYZ(58.5076, 50.0771,  
46.1173)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3A8AD
RGB	243, 168, 173
RGB Percent	95%, 66%, 68%
CMY	0.0471, 0.3412, 0.3216
CMYK	0.00, 0.31, 0.29, 0.05
HSL	356°, 76%, 81%
HSV	356°, 31%, 95%
XYZ	58.5076, 50.0771, 46.1173
YIQ	190.9950, 43.0950, 17.4550

# Conversions

## Conversions Part 2

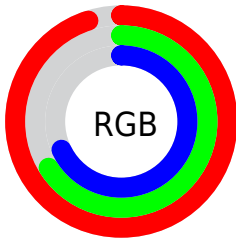
Format	Color
R <sub>Y</sub> B	243, 168, 173
Decimal	15968429
CIE Lab	76.12, 28.28, 8.62
CIE LCh	76, 29.563, 16.959
Yxy	50.0771, 0.3782, 0.3237
Android (android.graphics.Color)	4294158509 (0xFFF3A8AD)
YUV	190.9950, -8.8715, 45.6084
Hunter-Lab	70.7652, 23.7421, 10.8966

# Details

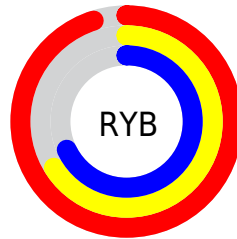
The XYZ color **58.5076, 50.0771, 46.1173** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.6338, 78.6002, 92.7105**, and the grayscale version is **49.5519, 52.1324, 56.7722**.

A 20% lighter version of the original color is **81.8992, 80.1727, 84.5571**, and **29.5895, 23.9562, 21.1536** is the 20% darker color. If you saturate the color by 10%, you get **52.4218, 41.1247, 34.1642**, and if you desaturate by 10%, it is **65.8069, 60.8597, 60.3141**.

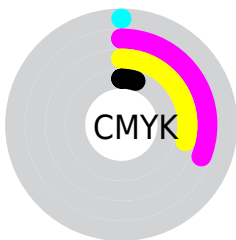
# Distribution



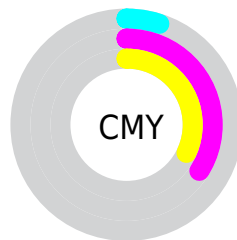
- Red (95%)
- Green (66%)
- Blue (68%)



- Red (95%)
- Yellow (66%)
- Blue (68%)



- Cyan (0%)
- Magenta (31%)
- Yellow (29%)
- Black (5%)




- Cyan (5%)
- Magenta (34%)
- Yellow (32%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5076, 50.0771, 46.1173 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 58.5076, 50.0771, 46.1173 by changing the saturation by 10% instead.



 58.5076, 50.0771,  
46.1173


 58.5076, 50.0771,  
46.1173


408.9982,  
386.9674, 387.5713

 42.4617, 35.4747,  
31.9891

 101.7804, 90.2891,  
85.7307

 29.6557, 24.0287,  
21.0884


 129.7380,  
116.6675, 112.0528

 19.7242, 15.3549,  
12.9968


162.3969,  
147.7399, 143.2768

 12.3018, 9.0689,  
7.2956

200.1225,  
183.8908, 179.8210

 7.0232, 4.7861,  
3.5664

243.2800,  
225.5047, 222.1040

 3.5231, 2.1223,  
1.3906

292.2349,

 1.4360, 0.6771,

272.9658, 270.5444

0.1344

347.3525,  
326.6585, 325.5606

■ 0.2817, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 58.5076, 50.0771,  
46.1173

■ 58.5076, 50.0771,  
46.1173

■ 52.4218, 41.1247,  
34.1642

■ 65.8069, 60.8597,  
60.3141

■ 47.4800, 33.8943,  
24.3372

■ 74.3763, 73.5588,  
76.8581

■ 43.6116, 28.2773,  
16.5124

■ 84.2738, 88.2635,  
95.8498

■ 40.7366, 24.1500,  
10.5520

■ 90.7722, 97.7947,  
108.6998

■ 38.7640, 21.3705,  
6.3007

■ 37.5856, 19.7695,  
3.5779

■ 37.0571, 19.0927,  
2.2296

# Harmonies

## Analogous

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



58.7238, 50.0771, 61.6885



58.5076, 50.0771, 46.1173



55.2281, 50.0771, 35.1618

# Triad

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



58.5076, 50.0771, 46.1173



40.2415, 50.0771, 36.2723



45.2379, 50.0771, 89.8930

# Complementary

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



58.5076, 50.0771, 46.1173



63.6338, 78.6002, 92.7105

# 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.



40.7030, 50.0771, 79.9442



58.5076, 50.0771, 46.1173



37.9724, 50.0771, 47.9396

# Square

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



58.5076, 50.0771, 46.1173



44.5624, 50.0771, 30.2789



38.1345, 50.0771, 63.8981



50.7658, 50.0771, 89.1430



# Rectangle

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



58.5076, 50.0771, 46.1173



51.8803, 50.0771, 31.0314



38.1345, 50.0771, 63.8981



43.5558, 50.0771, 87.6186

# Sweetspot

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



58.5090, 50.0795, 46.1183



84.9015, 84.9177, 89.4408



65.4416, 52.6559, 91.5087



17.8459, 17.6913, 18.5161



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.



58.5090, 50.0795, 46.1183



60.8927, 49.4152, 42.8560



64.8018, 63.4243, 45.8755



16.5439, 16.5004, 17.3447



20.3550, 10.4854, 1.3118



1.8044, 0.9277, 0.1961



# Inverse Universe

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



58.5090, 50.0795, 46.1183



60.8927, 49.4152, 42.8560



55.4984, 61.1385, 93.6700



16.5439, 16.5004, 17.3447



20.3550, 10.4854, 1.3118



1.8044, 0.9277, 0.1961



# Previews

## White Background



This preview shows how the XYZ color 58.5076, 50.0771, 46.1173 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 58.5076, 50.0771, 46.1173 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 58.5076, 50.0771, 46.1173**

## **Background**



This preview shows how black text looks on a background with the XYZ color 58.5076, 50.0771, 46.1173.



This preview shows how white text looks on a background with the XYZ color 58.5076, 50.0771,



# 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

58.5076, 50.0771, 46.1173

### Protanopia

48.0558, 50.1660, 51.9499

### Deuteranopia

51.3151, 50.1342, 45.5003



## Tritanopia

59.3652, 50.1658, 49.7341

# Trichromacy



## Original Color

58.5076, 50.0771, 46.1173

## Protanomaly

51.3219, 49.7461, 49.5448

## Deuteranomaly

53.7122, 49.8765, 45.8259

## Tritanomaly

59.0628, 50.0449, 48.1416

# Monochromacy



## Original Color

58.5076, 50.0771, 46.1173

## Achromatopsia

49.5206, 52.0996, 56.7364

## Achromatomaly

52.1636, 51.0293, 52.4477

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 58.5076, 50.0771, 46.1173 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(243, 168, 173)` looks like.

```
.text, #text, p{  
    color:rgb(243, 168, 173)  
}
```

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(243, 168, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 168, 173) }
```

## Border

The CSS property to change the border of an element to XYZ 58.5076, 50.0771, 46.1173 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(243, 168, 173) }
```



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

```
.border{ border-color:rgb(243, 168, 173) }
```

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

Here you see how a box with a 4 pixel rgb(243, 168, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 168, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 168, 173);  
box-shadow:4px 4px 4px 4px rgb(243, 168,  
173) }
```

# Background

The CSS property to change the background color of an element to XYZ 58.5076, 50.0771, 46.1173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 168, 173) }
```

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

```
.background{ background-color: rgb(243,  
168, 173) }
```

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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