

Converting Colors

XYZ(58.6535, 50.8574, 43.0678)

Have a look what the booklet for
XYZ(58.6535, 50.8574, 43.0678)
contains.

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Color

**XYZ(58.6580, 50.7726,
43.2677)**

Conversions

Conversions Part 1

Format	Color
Hex	F4AAA7
RGB	244, 170, 167
RGB Percent	96%, 67%, 65%
CMY	0.0431, 0.3333, 0.3451
CMYK	0.00, 0.30, 0.32, 0.04
HSL	2°, 78%, 81%
HSV	2°, 32%, 96%
XYZ	58.6580, 50.7726, 43.2677
YIQ	191.7840, 45.0670, 14.7550

Conversions

Conversions Part 2

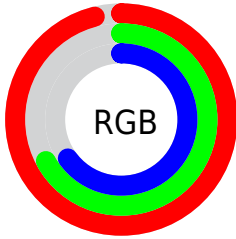
Format	Color
R _Y B	244, 170, 167
Decimal	16034471
CIE Lab	76.54, 26.81, 12.51
CIE LCh	77, 29.589, 25.022
Yxy	50.7726, 0.3841, 0.3325
Android (android.graphics.Color)	4294224551 (0xFFFF4AAA7)
YUV	191.7840, -12.2185, 45.7934
Hunter-Lab	71.2549, 22.2476, 13.8761

Details

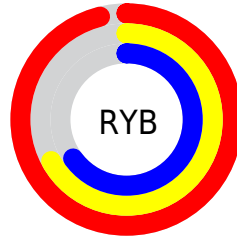
The XYZ color **58.6580, 50.7726, 43.2677** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.7196, 77.6549, 97.2185**, and the grayscale version is **50.0287, 52.6341, 57.3186**.

A 20% lighter version of the original color is **81.6212, 80.9266, 80.4257**, and **29.7055, 24.3995, 19.3636** is the 20% darker color. If you saturate the color by 10%, you get **52.6012, 41.9346, 31.1503**, and if you desaturate by 10%, it is **65.9270, 61.3534, 57.8897**.

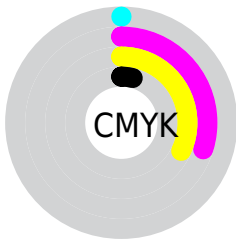
Distribution



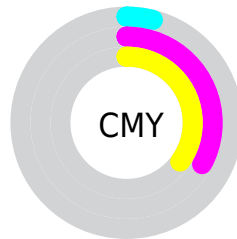
- Red (96%)
- Green (67%)
- Blue (65%)



- Red (96%)
- Yellow (67%)
- Blue (65%)



- Cyan (0%)
- Magenta (30%)
- Yellow (32%)
- Black (4%)





- Cyan (4%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6580, 50.7726, 43.2677 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 58.6580, 50.7726, 43.2677 by changing the saturation by 10% instead.


 58.6580, 50.7726,
43.2677


 58.6580, 50.7726,
43.2677


409.5478,
389.6796, 375.6650

 42.5832, 36.0277,
29.7623


 101.9979, 91.3185,
81.4054

 29.7513, 24.4556,
19.4077

 129.9937,
117.8884, 106.8747

 19.7970, 15.6719,
11.7854


162.6939,
149.1686, 137.1690

 12.3550, 9.2923,
6.4770

200.4638,
185.5436, 172.7069

 7.0598, 4.9323,
3.0638

243.6688,
227.3978, 213.9069

 3.5462, 2.2076,
1.1273

292.6742,

 1.4488, 0.7241,

275.1156, 261.1876

0.0000

347.8454,
329.0814, 314.9674

■ 0.2906, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6580, 50.7726,
43.2677

■ 58.6580, 50.7726,
43.2677

■ 52.6012, 41.9346,
31.1503

■ 65.9270, 61.3534,
57.8897

■ 47.6870, 34.7394,
21.3943

■ 74.4648, 73.7558,
75.1427

■ 43.8447, 29.0876,
13.8466

■ 84.3295, 88.0626,
95.1481

■ 40.9942, 24.8664,
8.3348

■ 91.1183, 97.9731,
108.7160

■ 39.0445, 21.9477,
4.6612

■ 37.8872, 20.1803,
2.5885

■ 37.4116, 19.4398,
1.7805

Harmonies

Analogous

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



59.7667, 50.7726, 57.9950



58.6580, 50.7726, 43.2677



54.6798, 50.7726, 33.7172

Triad

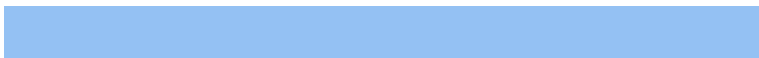
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.6580, 50.7726, 43.2677



39.9824, 50.7726, 39.4590



47.3318, 50.7726, 91.9326

Complementary

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



58.6580, 50.7726, 43.2677



63.7196, 77.6549, 97.2185

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.



42.3594, 50.7726, 84.5069



58.6580, 50.7726, 43.2677



38.3302, 50.7726, 52.6564

Square

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



58.6580, 50.7726, 43.2677



43.8566, 50.7726, 31.8338



39.1659, 50.7726, 69.3385



52.9441, 50.7726, 88.0984

Rectangle

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



58.6580, 50.7726, 43.2677



51.0870, 50.7726, 30.5762



39.1659, 50.7726, 69.3385



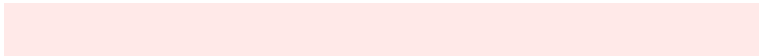
45.5351, 50.7726, 90.6348

Sweetspot

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



58.6593, 50.7750, 43.2687



84.9361, 85.3361, 88.3761



67.0692, 53.2478, 90.3019



17.8543, 17.7932, 18.2568



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.



58.6593, 50.7750, 43.2687



60.3197, 49.5311, 38.7742



66.8557, 67.1678, 46.0008



16.5510, 16.5861, 17.1267



20.3650, 10.6156, 0.9757



1.8078, 0.9688, 0.0917

Inverse Universe

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



63.7196, 77.6549, 97.2185



66.7356, 83.6300, 107.2326



53.6061, 57.4280, 93.8474



16.9380, 18.6403, 21.2478



24.9759, 35.7457, 52.1213



2.2121, 3.1756, 4.5866

Previews

White Background



This preview shows how the XYZ color 58.6580, 50.7726, 43.2677 looks on a white background.

Color Contrast Check

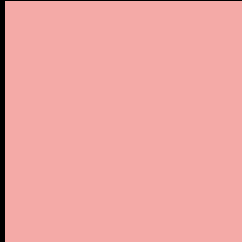
Large Text (above 18pt) WCAG AA × Fail

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 58.6580, 50.7726, 43.2677 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 58.6580, 50.7726, 43.2677

Background



This preview shows how black text looks on a background with the XYZ color 58.6580, 50.7726, 43.2677.



This preview shows how white text looks on a background with the XYZ color 58.6580, 50.7726,

43.2677.

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

58.6580, 50.7726, 43.2677

Protanopia

48.8984, 51.3053, 48.9207

Deuteranopia

51.8384, 50.7714, 42.6650



Tritanopia

59.9993, 50.7539, 50.3502

Trichromacy



Original Color

58.6580, 50.7726, 43.2677

Protanomaly

51.7113, 50.6192, 46.5802

Deuteranomaly

54.1674, 50.7627, 43.0196

Tritanomaly

59.6806, 50.9230, 47.7579

Monochromacy



Original Color

58.6580, 50.7726, 43.2677

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.5517, 51.5488, 51.9799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6580, 50.7726, 43.2677 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(244, 170, 167)` looks like.

```
.text, #text, p{  
    color:rgb(244, 170, 167)  
}
```

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(244, 170, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 170, 167) }
```

Border

The CSS property to change the border of an element to XYZ 58.6580, 50.7726, 43.2677 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(244, 170, 167) }
```


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

```
.border{ border-color:rgb(244, 170, 167) }
```

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

Here you see how a box with a 4 pixel rgb(244, 170, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 170, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 170, 167);  
box-shadow:4px 4px 4px 4px rgb(244, 170,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6580, 50.7726, 43.2677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 170, 167) }
```

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

```
.background{ background-color: rgb(244,  
170, 167) }
```

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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