

Converting Colors

XYZ(58.5798, 50.7649, 54.4228)

Have a look what the booklet for
XYZ(58.5798, 50.7649, 54.4228)
contains.

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Color

**XYZ(58.5651, 50.7612,
54.2881)**

Conversions

Conversions Part 1

Format	Color
Hex	EDABBC
RGB	237, 171, 188
RGB Percent	93%, 67%, 74%
CMY	0.0706, 0.3294, 0.2627
CMYK	0.00, 0.28, 0.21, 0.07
HSL	345°, 65%, 80%
HSV	345°, 28%, 93%
XYZ	58.5651, 50.7612, 54.2881
YIQ	192.6720, 33.8790, 19.2790

Conversions

Conversions Part 2

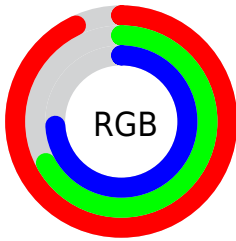
Format	Color
R_{YB}	237, 171, 188
Decimal	15575996
CIE _{Lab}	76.53, 26.62, 0.95
CIE _{LCh}	77, 26.634, 2.046
Yxy	50.7612, 0.3579, 0.3102
Android (android.graphics.Color)	4293766076 (0xFFEDABBC)
YUV	192.6720, -2.3033, 38.8757
Hunter-Lab	71.2469, 22.0453, 4.6955

Details

The XYZ color **58.5651, 50.7612, 54.2881** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.9992, 74.3950, 78.9113**, and the grayscale version is **50.4964, 53.1262, 57.8544**.

A 20% lighter version of the original color is **85.0382, 82.7298, 97.0744**, and **29.6740, 24.4094, 26.0692** is the 20% darker color. If you saturate the color by 10%, you get **52.7006, 41.8849, 43.5381**, and if you desaturate by 10%, it is **65.4663, 61.3399, 66.5260**.

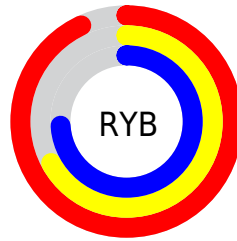
Distribution



Red (93%)

Green (67%)

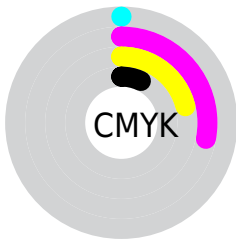
Blue (74%)



Red (93%)

Yellow (67%)

Blue (74%)

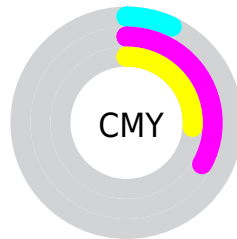


Cyan (0%)

Magenta (28%)

Yellow (21%)

Black (7%)



Cyan (7%)

Magenta (33%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5651, 50.7612, 54.2881 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 58.5651, 50.7612, 54.2881 by changing the saturation by 10% instead.

58.5651, 50.7612,
54.2881

58.5651, 50.7612,
54.2881

409.2083,
389.6353, 420.4133

42.5081, 36.0186,
38.4373

101.8636, 91.3017,
97.9578

29.6922, 24.4486,
26.0178

129.8358,
117.8684, 126.6138

19.7520, 15.6667,
16.6111

162.5105,
149.1452, 160.3752

12.3221, 9.2886,
9.7986

200.2530,
185.5165, 199.6606

7.0372, 4.9299,
5.1618

243.4287,
227.3668, 244.8886

3.5319, 2.2062,
2.2821

292.4029,

1.4409, 0.7234,

275.0805, 296.4777

0.7212

347.5410,
329.0418, 354.8464

■ 0.2851, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5651, 50.7612,
54.2881

■ 58.5651, 50.7612,
54.2881

■ 52.7006, 41.8849,
43.5381

■ 65.4663, 61.3399,
66.5260

■ 47.8175, 34.6149,
34.2149

■ 73.4476, 73.6965,
80.3034

■ 43.8615, 28.8561,
26.2577

■ 82.5550, 87.9104,
95.6730

■ 40.7710, 24.5007,
19.5998

■ 88.7353, 96.7446,
108.6045

■ 38.4771, 21.4264,
14.1688

■ 36.8990, 19.4895,
9.8839

■ 35.9297, 18.4951,
6.6505

■ 35.7685, 18.3419,
6.0747

Harmonies

Analogous

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



57.2981, 50.7612, 69.2881



58.5651, 50.7612, 54.2881



56.9120, 50.7612, 41.8456

Triad

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



58.5651, 50.7612, 54.2881



43.2982, 50.7612, 34.9709



43.8566, 50.7612, 83.5042

Complementary

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



58.5651, 50.7612, 54.2881



59.9992, 74.3950, 78.9113

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.



40.5094, 50.7612, 71.2970



58.5651, 50.7612, 54.2881



40.2031, 50.7612, 43.2834

Square

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



58.5651, 50.7612, 54.2881



47.9028, 50.7612, 31.9657



39.2181, 50.7612, 56.2643



48.5928, 50.7612, 87.8053

Rectangle

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



58.5651, 50.7612, 54.2881



54.4390, 50.7612, 36.1910



39.2181, 50.7612, 56.2643



42.5433, 50.7612, 80.0958

Sweetspot

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



58.5665, 50.7636, 54.2891



86.5403, 86.7304, 94.5035



59.1847, 50.3650, 86.7234



18.2013, 18.0638, 19.6773



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.



58.5665, 50.7636, 54.2891



65.3468, 54.1581, 57.1816



59.9208, 56.2337, 46.2270



15.2247, 15.1177, 16.4683



19.5733, 10.0320, 3.5546



1.5751, 0.8030, 0.4800

Inverse Universe

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



58.5665, 50.7636, 54.2891



65.3468, 54.1581, 57.1816



58.0977, 66.8044, 89.9538



15.2247, 15.1177, 16.4683



19.5733, 10.0320, 3.5546



1.5751, 0.8030, 0.4800

Previews

White Background



This preview shows how the XYZ color 58.5651, 50.7612, 54.2881 looks on a white background.

Color Contrast Check

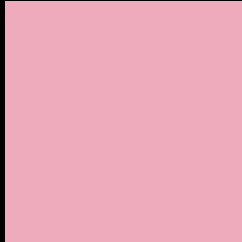
Large Text (above 18pt) WCAG AA × Fail

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 58.5651, 50.7612, 54.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

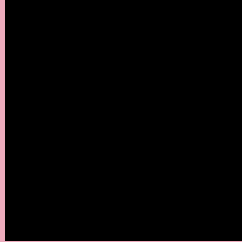
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5651, 50.7612, 54.2881

Background



This preview shows how black text looks on a background with the XYZ color 58.5651, 50.7612, 54.2881.



This preview shows how white text looks on a background with the XYZ color 58.5651, 50.7612,

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

58.5651, 50.7612, 54.2881

Protanopia

49.4115, 50.9908, 60.6640

Deuteranopia

52.0909, 50.9675, 53.5466



Tritanopia

58.4345, 51.0124, 52.6655

Trichromacy



Original Color

58.5651, 50.7612, 54.2881

Protanomaly

52.1977, 50.6163, 58.0578

Deuteranomaly

54.3032, 50.8881, 53.9740

Tritanomaly

58.5405, 51.0547, 53.2235

Monochromacy



Original Color

58.5651, 50.7612, 54.2881

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.0474, 52.0148, 56.5342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5651, 50.7612, 54.2881 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(237, 171, 188)` looks like.

```
.text, #text, p{  
    color:rgb(237, 171, 188)  
}
```

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(237, 171, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 171, 188) }
```

Border

The CSS property to change the border of an element to XYZ 58.5651, 50.7612, 54.2881 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(237, 171, 188) }
```


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

```
.border{ border-color:rgb(237, 171, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 171, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 171, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 171, 188); box-shadow:4px 4px 4px 4px rgb(237, 171, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5651, 50.7612, 54.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 171, 188) }
```

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

```
.background{ background-color: rgb(237,  
171, 188) }
```

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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