

Converting Colors

XYZ(57.0196, 50.2875, 52.0654)

Have a look what the booklet for
XYZ(57.0196, 50.2875, 52.0654)
contains.

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Color

**XYZ(57.0085, 50.2894,
52.0495)**

Conversions

Conversions Part 1

Format	Color
Hex	E9ACB8
RGB	233, 172, 184
RGB Percent	91%, 67%, 72%
CMY	0.0863, 0.3255, 0.2784
CMYK	0.00, 0.26, 0.21, 0.09
HSL	348°, 58%, 79%
HSV	348°, 26%, 91%
XYZ	57.0085, 50.2894, 52.0495
YIQ	191.6070, 32.5040, 16.6640

Conversions

Conversions Part 2

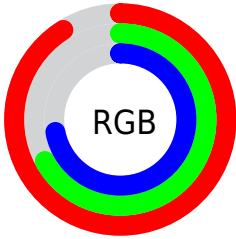
Format	Color
R _Y B	233, 172, 184
Decimal	15314104
CIE Lab	76.25, 24.05, 2.67
CIE LCh	76, 24.201, 6.323
Yxy	50.2894, 0.3578, 0.3156
Android (android.graphics.Color)	4293504184 (0xFFE9ACB8)
YUV	191.6070, -3.7503, 36.3017
Hunter-Lab	70.9150, 19.3947, 6.1234

Details

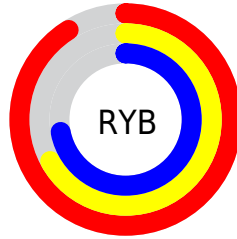
The XYZ color **57.0085, 50.2894, 52.0495** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.2054, 72.2701, 79.2393**, and the grayscale version is **49.8829, 52.4807, 57.1515**.

A 20% lighter version of the original color is **84.7116, 83.0381, 94.0012**, and **28.5981, 24.0625, 24.6100** is the 20% darker color. If you saturate the color by 10%, you get **51.1227, 41.4526, 41.0393**, and if you desaturate by 10%, it is **63.9341, 60.7896, 64.6883**.

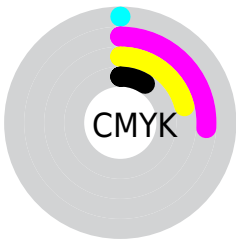
Distribution



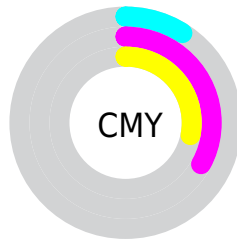
- Red (91%)
- Green (67%)
- Blue (72%)



- Red (91%)
- Yellow (67%)
- Blue (72%)



- Cyan (0%)
- Magenta (26%)
- Yellow (21%)
- Black (9%)





- Cyan (9%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0085, 50.2894, 52.0495 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 57.0085, 50.2894, 52.0495 by changing the saturation by 10% instead.


 57.0085, 50.2894,
52.0495

 57.0085, 50.2894,
52.0495

403.4948,
387.7966, 411.5901

 41.2522, 35.6434,
36.6620

 99.6089, 90.6035,
94.6316

 28.7048, 24.1589,
24.6522


127.1837,
117.0404, 122.6632

 19.0008, 15.4515,
15.6015


159.4287,
148.1764, 155.7467

 11.7748, 9.1369,
9.0913

196.7094,
184.3959, 194.3005

 6.6616, 4.8306,
4.7031

239.3909,
226.0833, 238.7432

 3.2959, 2.1482,
2.0185

287.8388,

 1.3121, 0.6915,

273.6229, 289.4933

0.5666

342.4183,
327.3992, 346.9695

■ 0.1922, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0085, 50.2894,
52.0495

■ 57.0085, 50.2894,
52.0495

■ 51.1227, 41.4526,
41.0393

■ 63.9341, 60.7896,
64.6883

■ 46.2219, 34.1869,
31.5879

■ 71.9427, 73.0251,
79.0156

■ 42.2524, 28.4017,
23.6247

■ 81.0797, 87.0725,
95.0919

■ 39.1537, 23.9946,
17.0724

■ 87.4144, 96.0637,
108.5427

■ 36.8578, 20.8496,
11.8468

■ 35.2862, 18.8317,
7.8538

■ 34.3431, 17.7739,
4.9859

■ 34.0941, 17.5196,
4.1511

Harmonies

Analogous

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



56.2454, 50.2894, 65.4200



57.0085, 50.2894, 52.0495



55.1808, 50.2894, 41.2451

Triad

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



57.0085, 50.2894, 52.0495



42.8129, 50.2894, 36.9861



44.3787, 50.2894, 80.9863

Complementary

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



57.0085, 50.2894, 52.0495



59.2054, 72.2701, 79.2393

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.



41.1060, 50.2894, 70.9370



57.0085, 50.2894, 52.0495



40.2428, 50.2894, 45.3199

Square

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



57.0085, 50.2894, 52.0495



46.8437, 50.2894, 33.4810



39.6382, 50.2894, 57.5560



48.7663, 50.2894, 83.5466

Rectangle

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



57.0085, 50.2894, 52.0495



52.8033, 50.2894, 36.4786



39.6382, 50.2894, 57.5560



43.1205, 50.2894, 78.3024

Sweetspot

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



57.0099, 50.2917, 52.0505



86.3566, 86.6569, 93.5360



59.2201, 50.7315, 83.7620



18.1554, 18.0455, 19.4353



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.



57.0099, 50.2917, 52.0505



66.2142, 56.0745, 56.9105



59.5308, 57.2613, 46.9476



15.1865, 15.1025, 16.2677



19.3802, 9.9548, 2.5377



1.5550, 0.7950, 0.3740

Inverse Universe

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



57.0099, 50.2917, 52.0505



66.2142, 56.0745, 56.9105



55.9472, 63.1038, 86.3226



15.1865, 15.1025, 16.2677



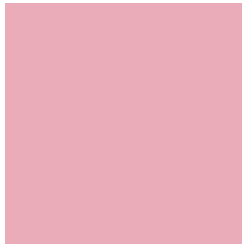
19.3802, 9.9548, 2.5377



1.5550, 0.7950, 0.3740

Previews

White Background



This preview shows how the XYZ color 57.0085, 50.2894, 52.0495 looks on a white background.

Color Contrast Check

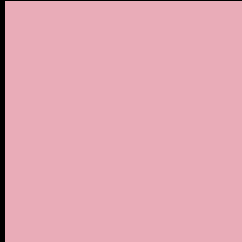
Large Text (above 18pt) WCAG AA × Fail

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 57.0085, 50.2894, 52.0495 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 57.0085, 50.2894, 52.0495

Background



This preview shows how black text looks on a background with the XYZ color 57.0085, 50.2894, 52.0495.



This preview shows how white text looks on a background with the XYZ color 57.0085, 50.2894,

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

57.0085, 50.2894, 52.0495

Protanopia

48.6312, 50.3381, 57.6052

Deuteranopia

51.4659, 50.3886, 51.2694



Tritanopia

57.1138, 50.3315, 52.6037

Trichromacy



Original Color

57.0085, 50.2894, 52.0495

Protanomaly

51.4758, 50.2954, 55.7101

Deuteranomaly

53.3811, 50.1651, 51.6691

Tritanomaly

57.1138, 50.3315, 52.6037

Monochromacy



Original Color

57.0085, 50.2894, 52.0495

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.2664, 51.6374, 55.3564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0085, 50.2894, 52.0495 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(233, 172, 184)` looks like.

```
.text, #text, p{  
    color:rgb(233, 172, 184)  
}
```

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(233, 172, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 172, 184) }
```

Border

The CSS property to change the border of an element to XYZ 57.0085, 50.2894, 52.0495 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(233, 172, 184) }
```


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

```
.border{ border-color:rgb(233, 172, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 172, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 172, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 172, 184);  
box-shadow:4px 4px 4px 4px rgb(233, 172,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0085, 50.2894, 52.0495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 172, 184) }
```

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

```
.background{ background-color: rgb(233,  
172, 184) }
```

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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