

Converting Colors

XYZ(58.0008, 52.8731, 49.9941)

Have a look what the booklet for
XYZ(58.0008, 52.8731, 49.9941)
contains.

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Color

**XYZ(57.8611, 52.8185,
49.7932)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E9B3B3 |
| RGB | 233, 179, 179 |
| RGB Percent | 91%, 70%, 70% |
| CMY | 0.0863, 0.2980, 0.2980 |
| CMYK | 0.00, 0.23, 0.23, 0.09 |
| HSL | 0°, 55%, 81% |
| HSV | 0°, 23%, 91% |
| XYZ | 57.8611, 52.8185, 49.7932 |
| YIQ | 195.1460, 32.1840, 11.4480 |

Conversions

Conversions Part 2

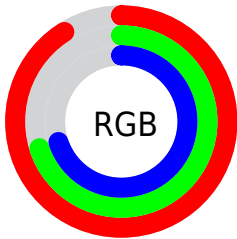
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 233, 179, 179 |
| Decimal | 15315891 |
| CIE Lab | 77.77, 19.59, 7.58 |
| CIE LCh | 78, 21.004, 21.158 |
| Yxy | 52.8185, 0.3606, 0.3291 |
| Android (android.graphics.Color) | 4293505971 (0xFFE9B3B3) |
| YUV | 195.1460, -7.9600, 33.1980 |
| Hunter-Lab | 72.6763, 14.9288, 10.2517 |

Details

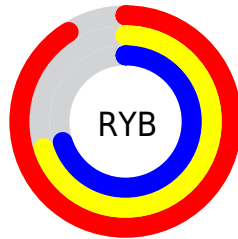
The XYZ color **57.8611, 52.8185, 49.7932** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.4367, 73.7428, 88.0343**, and the grayscale version is **51.9925, 54.7002, 59.5685**.

A 20% lighter version of the original color is **85.9437, 86.6748, 90.7975**, and **29.1312, 25.6582, 23.1558** is the 20% darker color. If you saturate the color by 10%, you get **51.4194, 43.3928, 36.9856**, and if you desaturate by 10%, it is **65.4928, 63.9861, 64.9631**.

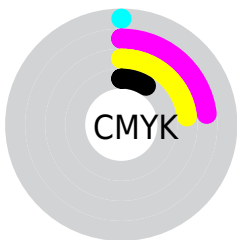
Distribution



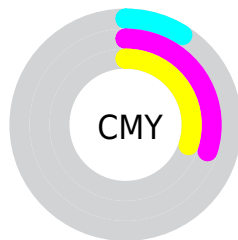
- Red (91%)
- Green (70%)
- Blue (70%)



- Red (91%)
- Yellow (70%)
- Blue (70%)



- Cyan (0%)
- Magenta (23%)
- Yellow (23%)
- Black (9%)



- Cyan (9%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8611, 52.8185, 49.7932 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 57.8611, 52.8185, 49.7932 by changing the saturation by 10% instead.

57.8611, 52.8185,
49.7932

57.8611, 52.8185,
49.7932

406.6304,
397.5884, 402.5686

41.9398, 37.6579,
34.8791

100.8447, 94.3372,
91.2615

29.2451, 25.7173,
23.2869

128.6377,
121.4642, 118.6528

19.4115, 16.6123,
14.5982

161.1187,
153.3487, 151.0403

12.0738, 9.9584,
8.3944

198.6530,
190.3751, 188.8424

6.8665, 5.3714,
4.2570

241.6059,
232.9279, 232.4778

3.4243, 2.4668,
1.7674

290.3429,

1.3819, 0.8599,

281.3915, 282.3649

0.4063

345.2293,
336.1502, 338.9223

■ 0.2433, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8611, 52.8185,
49.7932

■ 57.8611, 52.8185,
49.7932

■ 51.4194, 43.3928,
36.9856

■ 65.4928, 63.9861,
64.9631

■ 46.1037, 35.6144,
26.4183

■ 74.3656, 76.9694,
82.6022

■ 41.8508, 29.3910,
17.9638

■ 84.5329, 91.8469,
102.8149

■ 38.5891, 24.6182,
11.4800

■ 87.4145, 96.0638,
108.5427

■ 36.2386, 21.1786,
6.8077

■ 34.7067, 18.9369,
3.7629

■ 33.8814, 17.7290,
2.1226

■ 33.6047, 17.3242,
1.5727

Harmonies

Analogous

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



58.3402, 52.8185, 61.0252



57.8611, 52.8185, 49.7932



55.2729, 52.8185, 41.7586

Triad

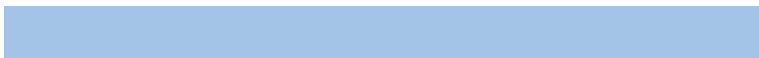
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.8611, 52.8185, 49.7932



44.3497, 52.8185, 44.5663



49.0089, 52.8185, 82.6246

Complementary

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



57.8611, 52.8185, 49.7932



62.4367, 73.7428, 88.0343

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.



45.4518, 52.8185, 76.7956



57.8611, 52.8185, 49.7932



42.8589, 52.8185, 54.1332

Square

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



57.8611, 52.8185, 49.7932



47.4300, 52.8185, 39.0365



43.2512, 52.8185, 65.9863



53.0807, 52.8185, 81.0500

Rectangle

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



57.8611, 52.8185, 49.7932



52.7728, 52.8185, 38.7977



43.2512, 52.8185, 65.9863



47.7168, 52.8185, 81.4401

Sweetspot

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



57.8625, 52.8209, 49.7943



86.8760, 88.0393, 92.6501



64.4329, 55.4477, 84.3978



18.4520, 18.6347, 19.5466



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.



57.8625, 52.8209, 49.7943



66.9086, 58.8213, 52.9551



63.8129, 64.7216, 51.7777



15.0656, 15.0543, 15.6304



19.0679, 9.8301, 0.8924



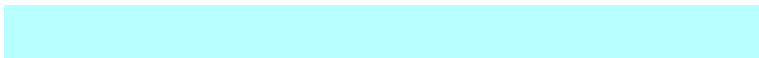
1.4973, 0.7720, 0.0701

Inverse Universe

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



62.4367, 73.7428, 88.0343



73.4796, 88.8773, 107.8900



55.3703, 59.6102, 85.6789



15.5176, 17.1217, 19.4092



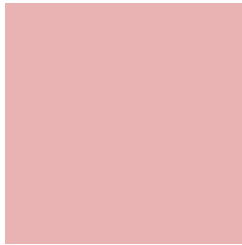
24.8767, 36.4004, 49.4578



1.9535, 2.8584, 3.8836

Previews

White Background



This preview shows how the XYZ color 57.8611, 52.8185, 49.7932 looks on a white background.

Color Contrast Check

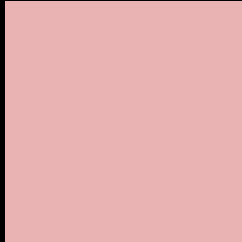
Large Text (above 18pt) WCAG AA × Fail

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 57.8611, 52.8185, 49.7932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

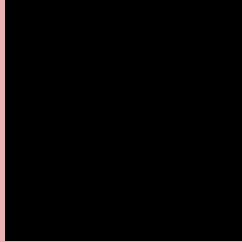
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8611, 52.8185, 49.7932

Background



This preview shows how black text looks on a background with the XYZ color 57.8611, 52.8185, 49.7932.



This preview shows how white text looks on a background with the XYZ color 57.8611, 52.8185,

49.7932.

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

57.8611, 52.8185, 49.7932

Protanopia

50.7385, 53.1148, 54.0323

Deuteranopia

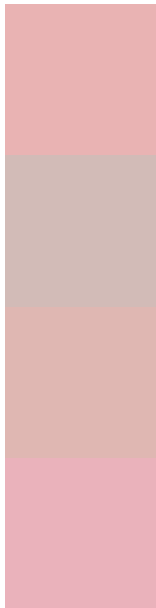
54.2101, 53.0839, 49.5085



Tritanopia

59.0578, 52.6983, 56.3493

Trichromacy



Original Color

57.8611, 52.8185, 49.7932

Protanomaly

52.8959, 52.6612, 52.1765

Deuteranomaly

55.4008, 52.7693, 49.3850

Tritanomaly

58.8217, 52.9211, 54.1283

Monochromacy



Original Color

57.8611, 52.8185, 49.7932

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.6774, 53.6246, 55.6656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8611, 52.8185, 49.7932 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, 179, 179)` looks like.

```
.text, #text, p{  
    color:rgb(233, 179, 179)  
}
```

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, 179, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 179, 179) }
```

Border

The CSS property to change the border of an element to XYZ 57.8611, 52.8185, 49.7932 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, 179, 179) }
```


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

```
.border{ border-color:rgb(233, 179, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 179, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 179, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 179, 179);  
box-shadow:4px 4px 4px 4px rgb(233, 179,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8611, 52.8185, 49.7932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 179, 179) }
```

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

```
.background{ background-color: rgb(233,  
179, 179) }
```

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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