

Converting Colors

XYZ(58.0199, 53.4085, 49.7930)

Have a look what the booklet for
XYZ(58.0199, 53.4085, 49.7930)
contains.

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Color

**XYZ(58.2648, 53.6261,
49.9278)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B5B3
RGB	233, 181, 179
RGB Percent	91%, 71%, 70%
CMY	0.0863, 0.2902, 0.2980
CMYK	0.00, 0.22, 0.23, 0.09
HSL	2°, 55%, 81%
HSV	2°, 23%, 91%
XYZ	58.2648, 53.6261, 49.9278
YIQ	196.3200, 31.6340, 10.4020

Conversions

Conversions Part 2

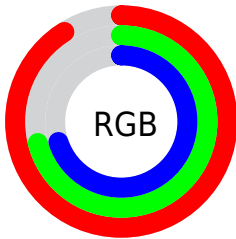
Format	Color
R _Y B	233, 181, 179
Decimal	15316403
CIE Lab	78.24, 18.52, 8.26
CIE LCh	78, 20.281, 24.041
Yxy	53.6261, 0.3601, 0.3314
Android (android.graphics.Color)	4293506483 (0xFFE9B5B3)
YUV	196.3200, -8.5388, 32.1684
Hunter-Lab	73.2298, 13.8700, 10.8372

Details

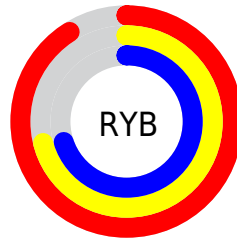
The XYZ color **58.2648, 53.6261, 49.9278** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.8734, 72.6165, 87.8463**, and the grayscale version is **52.6991, 55.4435, 60.3780**.

A 20% lighter version of the original color is **86.5196, 87.8265, 90.9894**, and **29.3896, 26.1748, 23.2419** is the 20% darker color. If you saturate the color by 10%, you get **51.9043, 44.3628, 37.1473**, and if you desaturate by 10%, it is **65.7610, 64.5227, 65.0525**.

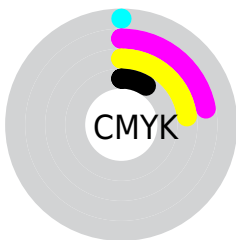
Distribution



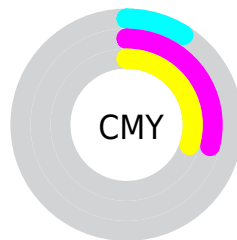
- Red (91%)
- Green (71%)
- Blue (70%)



- Red (91%)
- Yellow (71%)
- Blue (70%)



- Cyan (0%)
- Magenta (22%)
- Yellow (23%)
- Black (9%)





- Cyan (9%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2648, 53.6261, 49.9278 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 58.2648, 53.6261, 49.9278 by changing the saturation by 10% instead.


 58.2648, 53.6261,
49.9278

 58.2648, 53.6261,
49.9278


408.1099,
400.6826, 403.1105

 42.2657, 38.3028,
34.9853


 101.4291, 95.5250,
91.4631

 29.5014, 26.2178,
23.3681


129.3250,
122.8695, 118.8929

 19.6066, 16.9866,
14.6577


161.9172,
154.9898, 151.3223

 12.2160, 10.2250,
8.4355

199.5710,
192.2703, 189.1697

 6.9642, 5.5484,
4.2831

242.6518,
235.0954, 232.8536

 3.4859, 2.5725,
1.7819

291.5250,

 1.4156, 0.9128,

283.8496, 282.7927

0.4160

346.5559,
338.9172, 339.4055

■ 0.2673, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2648, 53.6261,
49.9278

■ 58.2648, 53.6261,
49.9278

■ 51.9043, 44.3628,
37.1473

■ 65.7610, 64.5227,
65.0525

■ 46.6200, 36.6472,
26.5905

■ 74.4398, 77.1181,
82.6269

■ 42.3537, 30.3972,
18.1315

■ 84.3510, 91.4833,
102.7542

■ 39.0399, 25.5201,
11.6304

■ 87.4144, 96.0637,
108.5427

■ 36.6054, 21.9125,
6.9301

■ 34.9664, 19.4565,
3.8495

■ 34.0230, 18.0124,
2.1699

■ 33.6982, 17.5115,
1.6040

Harmonies

Analogous

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



58.9463, 53.6261, 60.6892



58.2648, 53.6261, 49.9278



55.5856, 53.6261, 42.4199

Triad

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



58.2648, 53.6261, 49.9278



45.0369, 53.6261, 46.4689



50.1815, 53.6261, 82.9469

Complementary

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



58.2648, 53.6261, 49.9278



61.8734, 72.6165, 87.8463

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.



46.6172, 53.6261, 77.9355



58.2648, 53.6261, 49.9278



43.7478, 53.6261, 56.1491

Square

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



58.2648, 53.6261, 49.9278



47.9227, 53.6261, 40.6118



44.3110, 53.6261, 67.7574



54.1438, 53.6261, 80.7198

Rectangle

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



58.2648, 53.6261, 49.9278



53.0980, 53.6261, 39.7901



44.3110, 53.6261, 67.7574



48.8996, 53.6261, 82.0347

Sweetspot

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



58.2663, 53.6286, 49.9289



87.0680, 88.4232, 92.7141



64.1768, 55.3453, 83.0499



18.4963, 18.7232, 19.5613



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.



58.2663, 53.6286, 49.9289



67.4616, 59.9274, 53.1394



64.2485, 65.5931, 51.9230



15.1103, 15.1436, 15.6453



19.1407, 9.9757, 0.9167



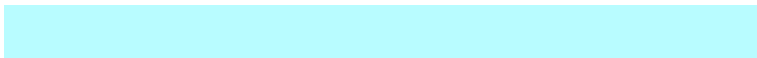
1.5189, 0.8150, 0.0773

Inverse Universe

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



61.8734, 72.6165, 87.8463



72.6417, 87.2015, 107.6107



54.9394, 58.7483, 85.5349



15.4670, 17.0203, 19.3923



23.5453, 33.7375, 49.0140



1.8639, 2.6792, 3.8538

Previews

White Background



This preview shows how the XYZ color 58.2648, 53.6261, 49.9278 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 58.2648, 53.6261, 49.9278 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 58.2648, 53.6261, 49.9278

Background



This preview shows how black text looks on a background with the XYZ color 58.2648, 53.6261, 49.9278.



This preview shows how white text looks on a background with the XYZ color 58.2648, 53.6261,

49.9278.

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

58.2648, 53.6261, 49.9278

Protanopia

51.4861, 53.8272, 54.1305

Deuteranopia

54.7196, 53.6604, 49.5929



Tritanopia

60.0067, 53.7526, 57.6647

Trichromacy



Original Color

58.2648, 53.6261, 49.9278

Protanomaly

53.6088, 53.6630, 52.3322

Deuteranomaly

55.8163, 53.6003, 49.5235

Tritanomaly

59.3300, 53.7658, 54.8278

Monochromacy



Original Color

58.2648, 53.6261, 49.9278

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.2196, 54.5346, 56.3838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2648, 53.6261, 49.9278 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, 181, 179)` looks like.

```
.text, #text, p{  
    color:rgb(233, 181, 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, 181, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 181, 179) }
```

Border

The CSS property to change the border of an element to XYZ 58.2648, 53.6261, 49.9278 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, 181, 179) }
```


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

```
.border{ border-color:rgb(233, 181, 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, 181, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 181, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 181, 179); box-shadow:4px 4px 4px 4px rgb(233, 181, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2648, 53.6261, 49.9278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 181, 179) }
```

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

```
.background{ background-color: rgb(233,  
181, 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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