

Converting Colors

XYZ(58.1569, 53.2121, 49.7286)

Have a look what the booklet for
XYZ(58.1569, 53.2121, 49.7286)
contains.

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Color

**XYZ(58.0622, 53.2208,
49.8603)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B4B3
RGB	233, 180, 179
RGB Percent	91%, 71%, 70%
CMY	0.0863, 0.2941, 0.2980
CMYK	0.00, 0.23, 0.23, 0.09
HSL	1°, 55%, 81%
HSV	1°, 23%, 91%
XYZ	58.0622, 53.2208, 49.8603
YIQ	195.7330, 31.9090, 10.9250

Conversions

Conversions Part 2

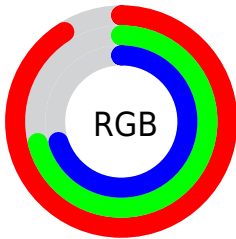
Format	Color
R _Y B	233, 180, 179
Decimal	15316147
CIE Lab	78.01, 19.06, 7.92
CIE LCh	78, 20.636, 22.573
Yxy	53.2208, 0.3603, 0.3303
Android (android.graphics.Color)	4293506227 (0xFFE9B4B3)
YUV	195.7330, -8.2494, 32.6832
Hunter-Lab	72.9526, 14.3993, 10.5444

Details

The XYZ color **58.0622, 53.2208, 49.8603** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.1543, 73.1781, 87.9400**, and the grayscale version is **52.3450, 55.0711, 59.9724**.

A 20% lighter version of the original color is **86.2308, 87.2491, 90.8932**, and **29.2598, 25.9152, 23.1986** is the 20% darker color. If you saturate the color by 10%, you get **51.6604, 43.8749, 37.0660**, and if you desaturate by 10%, it is **65.6266, 64.2539, 65.0078**.

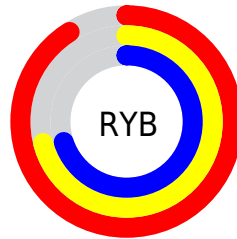
Distribution



Red (91%)

Green (71%)

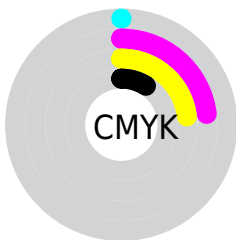
Blue (70%)



Red (91%)

Yellow (71%)

Blue (70%)

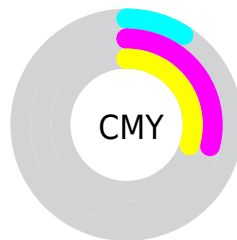


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (9%)



Cyan (9%)


Magenta (29%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0622, 53.2208, 49.8603 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 58.0622, 53.2208, 49.8603 by changing the saturation by 10% instead.


 58.0622, 53.2208,
49.8603

 58.0622, 53.2208,
49.8603


407.3678,
399.1317, 402.8388

 42.1021, 37.9791,
34.9320


 101.1359, 94.9292,
91.3620

 29.3727, 25.9664,
23.3274


128.9802,
122.1646, 118.7725

 19.5087, 16.7985,
14.6279


161.5166,
154.1668, 151.1809

 12.1446, 10.0910,
8.4149

199.1105,
191.3200, 189.0056

 6.9151, 5.4593,
4.2700

242.1272,
234.0087, 232.6652

 3.4549, 2.5192,
1.7746

290.9321,

 1.3987, 0.8862,

282.6173, 282.5782

0.4111

345.8905,
337.5301, 339.1632

■ 0.2553, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0622, 53.2208,
49.8603

■ 58.0622, 53.2208,
49.8603

■ 51.6604, 43.8749,
37.0660

■ 65.6266, 64.2539,
65.0078

■ 46.3596, 36.1262,
26.5037

■ 74.4027, 77.0438,
82.6146

■ 42.0990, 29.8876,
18.0466

■ 84.4419, 91.6650,
102.7846

■ 38.8103, 25.0606,
11.5538

■ 87.4144, 96.0637,
108.5427

■ 36.4169, 21.5353,
6.8672

■ 34.8308, 19.1852,
3.8043

■ 33.9463, 17.8590,
2.1443

■ 33.6515, 17.4178,
1.5883

Harmonies

Analogous

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



58.6421, 53.2208, 60.8567



58.0622, 53.2208, 49.8603



55.4287, 53.2208, 42.0882

Triad

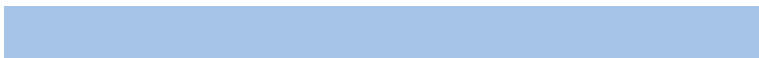
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.0622, 53.2208, 49.8603



44.6921, 53.2208, 45.5105



49.5924, 53.2208, 82.7847

Complementary

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



58.0622, 53.2208, 49.8603



62.1543, 73.1781, 87.9400

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.



46.0316, 53.2208, 77.3631



58.0622, 53.2208, 49.8603



43.3015, 53.2208, 55.1342

Square

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



58.0622, 53.2208, 49.8603



47.6756, 53.2208, 39.8186



43.7786, 53.2208, 66.8670



53.6099, 53.2208, 80.8840

Rectangle

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



58.0622, 53.2208, 49.8603



52.9349, 53.2208, 39.2916



43.7786, 53.2208, 66.8670



48.3053, 53.2208, 81.7361

Sweetspot

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



58.0636, 53.2233, 49.8614



86.9719, 88.2311, 92.6821



64.3046, 55.3964, 83.7221



18.4741, 18.6789, 19.5540



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.



58.0636, 53.2233, 49.8614



67.1837, 59.3717, 53.0468



64.0301, 65.1561, 51.8502



15.0879, 15.0989, 15.6379



19.1043, 9.9029, 0.9045



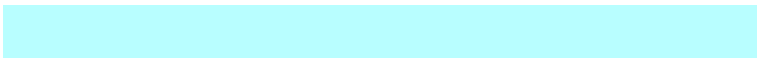
1.5081, 0.7935, 0.0737

Inverse Universe

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



62.1543, 73.1781, 87.9400



73.0593, 88.0367, 107.7499



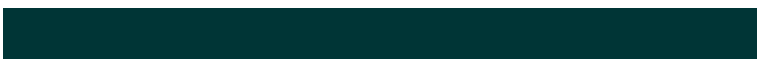
55.1542, 59.1780, 85.6067



15.4923, 17.0710, 19.4007



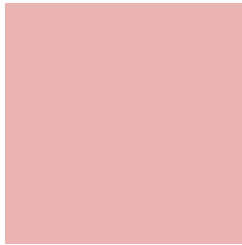
24.2030, 35.0529, 49.2332



1.9082, 2.7679, 3.8686

Previews

White Background



This preview shows how the XYZ color 58.0622, 53.2208, 49.8603 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 58.0622, 53.2208, 49.8603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

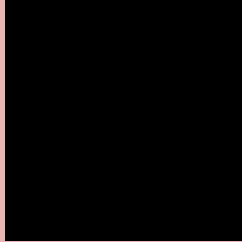
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0622, 53.2208, 49.8603

Background



This preview shows how black text looks on a background with the XYZ color 58.0622, 53.2208, 49.8603.



This preview shows how white text looks on a background with the XYZ color 58.0622, 53.2208,

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

58.0622, 53.2208, 49.8603

Protanopia

51.0013, 53.2502, 54.0446

Deuteranopia

54.2101, 53.0839, 49.5085



Tritanopia

59.3665, 53.1390, 56.9971

Trichromacy



Original Color

58.0622, 53.2208, 49.8603

Protanomaly

53.3944, 53.2342, 52.2608

Deuteranomaly

55.6078, 53.1833, 49.4540

Tritanomaly

59.0214, 53.3205, 54.1948

Monochromacy



Original Color

58.0622, 53.2208, 49.8603

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.0022, 54.0999, 56.3113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0622, 53.2208, 49.8603 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, 180, 179)` looks like.

```
.text, #text, p{  
    color:rgb(233, 180, 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, 180, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 180, 179) }
```

Border

The CSS property to change the border of an element to XYZ 58.0622, 53.2208, 49.8603 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, 180, 179) }
```


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

```
.border{ border-color:rgb(233, 180, 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, 180, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 180, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 180, 179);  
box-shadow:4px 4px 4px 4px rgb(233, 180,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0622, 53.2208, 49.8603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 180, 179) }
```

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

```
.background{ background-color: rgb(233,  
180, 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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