

Converting Colors

XYZ(58.1808, 55.0824, 49.7207)

Have a look what the booklet for
XYZ(58.1808, 55.0824, 49.7207)
contains.

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Color

**XYZ(58.2279, 55.1552,
49.6965)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BAB2
RGB	230, 186, 178
RGB Percent	90%, 73%, 70%
CMY	0.0980, 0.2706, 0.3020
CMYK	0.00, 0.19, 0.23, 0.10
HSL	9°, 51%, 80%
HSV	9°, 23%, 90%
XYZ	58.2279, 55.1552, 49.6965
YIQ	198.2440, 28.7920, 6.8400

Conversions

Conversions Part 2

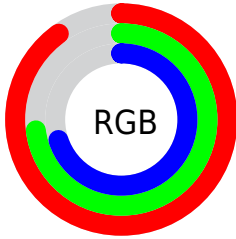
Format	Color
R _Y B	230, 187, 178
Decimal	15121074
CIE Lab	79.13, 14.61, 10.03
CIE LCh	79, 17.720, 34.477
Yxy	55.1552, 0.3571, 0.3382
Android (android.graphics.Color)	4293311154 (0xFFE6BAB2)
YUV	198.2440, -9.9803, 27.8500
Hunter-Lab	74.2665, 9.9846, 12.3118

Details

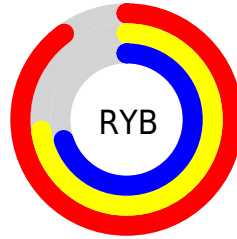
The XYZ color **58.2279, 55.1552, 49.6965** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.7635, 67.4187, 84.7791**, and the grayscale version is **53.8727, 56.6783, 61.7226**.

A 20% lighter version of the original color is **87.8434, 90.7048, 90.7198**, and **29.5448, 27.2544, 23.1055** is the 20% darker color. If you saturate the color by 10%, you get **52.2855, 46.6611, 37.2617**, and if you desaturate by 10%, it is **65.1188, 64.9258, 64.3590**.

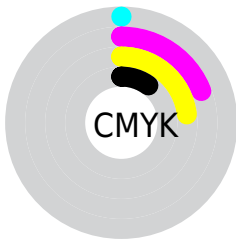
Distribution



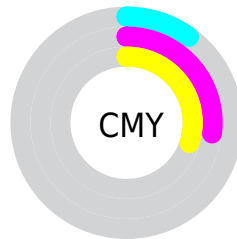
- Red (90%)
- Green (73%)
- Blue (70%)



- Red (90%)
- Yellow (73%)
- Blue (70%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (10%)





- Cyan (10%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2279, 55.1552, 49.6965 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 58.2279, 55.1552, 49.6965 by changing the saturation by 10% instead.


 58.2279, 55.1552,
49.6965

 58.2279, 55.1552,
49.6965


407.9748,
406.5000, 402.1789

 42.2359, 39.5260,
34.8028


 101.3757, 97.7683,
91.1167

 29.4779, 27.1692,
23.2287


129.2622,
125.5210, 118.4803

 19.5888, 17.7003,
14.5556


161.8442,
158.0836, 150.8376

 12.2030, 10.7350,
8.3649

199.4872,
195.8406, 188.6072

 6.9553, 5.8890,
4.2382

242.5563,
239.1764, 232.2076

 3.4802, 2.7777,
1.7569

291.4171,

 1.4125, 1.0168,

288.4752, 282.0573

0.3993

346.4348,
344.1216, 338.5749

■ 0.2651, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2279, 55.1552,
49.6965

■ 58.2279, 55.1552,
49.6965

■ 52.2855, 46.6611,
37.2617

■ 65.1188, 64.9258,
64.3590

■ 47.2454, 39.3835,
26.9419

■ 72.9929, 76.0147,
81.3471

■ 43.0643, 33.2685,
18.6201

■ 81.8884, 88.4714,
100.7575

■ 39.6933, 28.2555,
12.1661

■ 86.4432, 95.5631,
108.4972

■ 37.0786, 24.2783,
7.4347

■ 35.1597, 21.2632,
4.2587

■ 33.8660, 19.1268,
2.4373

■ 33.2463, 18.0491,
1.7316

Harmonies

Analogous

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



59.4951, 55.1552, 58.5480



58.2279, 55.1552, 49.6965



55.4066, 55.1552, 44.1467

Triad

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



58.2279, 55.1552, 49.6965



46.5263, 55.1552, 52.0524



52.9557, 55.1552, 81.6245

Complementary

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



58.2279, 55.1552, 49.6965



58.7635, 67.4187, 84.7791

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.



49.5492, 55.1552, 79.3875



58.2279, 55.1552, 49.6965



45.9355, 55.1552, 61.5869

Square

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



58.2279, 55.1552, 49.6965



48.6695, 55.1552, 45.3958



47.0180, 55.1552, 71.7605



56.3655, 55.1552, 77.5714

Rectangle

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



58.2279, 55.1552, 49.6965



53.0802, 55.1552, 42.6895



47.0180, 55.1552, 71.7605



51.7720, 55.1552, 81.5865

Sweetspot

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



58.2294, 55.1577, 49.6976



87.6780, 89.6432, 92.9175



61.7656, 53.9490, 76.4060



18.6370, 19.0047, 19.6082



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.



58.2294, 55.1577, 49.6976



70.0281, 64.6299, 55.3220



64.1629, 67.0248, 51.6755



14.5552, 14.7243, 14.9794



18.8780, 10.3302, 0.9989



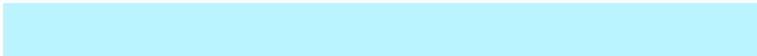
1.4505, 0.8742, 0.0923

Inverse Universe

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



58.7635, 67.4187, 84.7791



70.8078, 82.6212, 106.8233



52.4287, 54.7489, 82.6675



14.6086, 15.9385, 18.4508



19.1564, 25.3749, 46.2714



1.4669, 1.9776, 3.4364

Previews

White Background



This preview shows how the XYZ color 58.2279, 55.1552, 49.6965 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 58.2279, 55.1552, 49.6965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

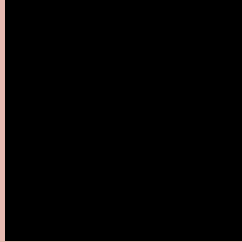
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2279, 55.1552, 49.6965

Background



This preview shows how black text looks on a background with the XYZ color 58.2279, 55.1552, 49.6965.



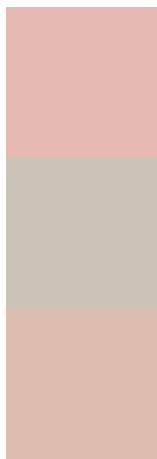
This preview shows how white text looks on a background with the XYZ color 58.2279, 55.1552,

49.6965.

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

58.2279, 55.1552, 49.6965

Protanopia

52.6910, 55.1456, 52.6668

Deuteranopia

56.2576, 55.0991, 49.2651



Tritanopia

60.2902, 55.0540, 60.2722

Trichromacy



Original Color

58.2279, 55.1552, 49.6965

Protanomaly

54.6307, 55.1816, 51.4878

Deuteranomaly

56.9704, 55.1483, 49.2370

Tritanomaly

59.3898, 54.9876, 56.1987

Monochromacy



Original Color

58.2279, 55.1552, 49.6965

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.2741, 56.0468, 57.1951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2279, 55.1552, 49.6965 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(230, 186, 178)` looks like.

```
.text, #text, p{  
    color:rgb(230, 186, 178)  
}
```

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(230, 186, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 186, 178) }
```

Border

The CSS property to change the border of an element to XYZ 58.2279, 55.1552, 49.6965 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(230, 186, 178) }
```


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

```
.border{ border-color:rgb(230, 186, 178) }
```

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

Here you see how a box with a 4 pixel rgb(230, 186, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 186, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 186, 178);  
box-shadow:4px 4px 4px 4px rgb(230, 186,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2279, 55.1552, 49.6965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 186, 178) }
```

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

```
.background{ background-color: rgb(230,  
186, 178) }
```

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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