

Converting Colors

XYZ(58.3617, 55.8264, 45.2600)

Have a look what the booklet for
XYZ(58.3617, 55.8264, 45.2600)
contains.

| | |
|--|----|
| XYZ(58.4234, 55.9868, 45.2634) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(58.4234, 55.9868,
45.2634)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E8BCA9 |
| RGB | 232, 188, 169 |
| RGB Percent | 91%, 74%, 66% |
| CMY | 0.0902, 0.2627, 0.3372 |
| CMYK | 0.00, 0.19, 0.27, 0.09 |
| HSL | 18°, 58%, 79% |
| HSV | 18°, 27%, 91% |
| XYZ | 58.4234, 55.9868, 45.2634 |
| YIQ | 198.9900, 32.3230, 3.4190 |

Conversions

Conversions Part 2

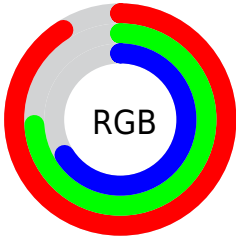
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 232, 196, 169 |
| Decimal | 15252649 |
| CIE _{Lab} | 79.61, 13.03, 15.57 |
| CIE _{LCh} | 80, 20.306, 50.077 |
| Yxy | 55.9868, 0.3659, 0.3506 |
| Android (android.graphics.Color) | 4293442729 (0xFFE8BCA9) |
| YUV | 198.9900, -14.7851, 28.9498 |
| Hunter-Lab | 74.8243, 8.4316, 16.5108 |

Details

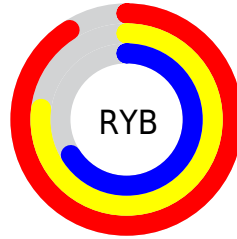
The XYZ color **58.4234, 55.9868, 45.2634** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **54.7214, 61.8480, 85.3981**, and the grayscale version is **54.3550, 57.1856, 62.2752**.

A 20% lighter version of the original color is **87.0452, 91.3432, 83.5642**, and **29.5541, 27.7263, 20.6237** is the 20% darker color. If you saturate the color by 10%, you get **53.1670, 48.6556, 33.7025**, and if you desaturate by 10%, it is **64.4578, 64.2549, 58.9915**.

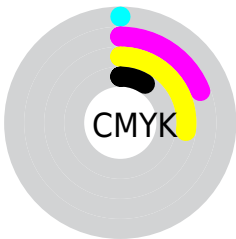
Distribution



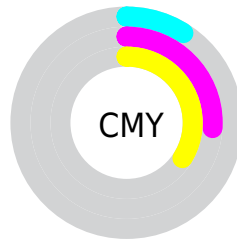
- Red (91%)
- Green (74%)
- Blue (66%)



- Red (91%)
- Yellow (77%)
- Blue (66%)



- Cyan (0%)
- Magenta (19%)
- Yellow (27%)
- Black (9%)





- Cyan (9%)
- Magenta (26%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4234, 55.9868, 45.2634 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 58.4234, 55.9868, 45.2634 by changing the saturation by 10% instead.


 58.4234, 55.9868,
45.2634

 58.4234, 55.9868,
45.2634


408.6902,
409.6418, 384.0305

 42.3937, 40.1923,
31.3205


 101.6586, 98.9853,
84.4382

 29.6022, 27.6885,
20.5825


129.5948,
126.9581, 110.5071

 19.6834, 18.0910,
12.6309


162.2306,
159.7591, 141.4551

 12.2720, 11.0153,
7.0472

199.9313,
197.7728, 177.7008

 7.0027, 6.0772,
3.4127

243.0622,
241.3835, 219.6626

 3.5102, 2.8921,
1.3090

291.9888,

 1.4289, 1.0756,

290.9756, 267.7591

0.0692

347.0764,
346.9336, 322.4089

■ 0.2767, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4234, 55.9868,
45.2634

■ 58.4234, 55.9868,
45.2634

■ 53.1670, 48.6556,
33.7025

■ 64.4578, 64.2549,
58.9915

■ 48.6510, 42.2198,
24.1934

■ 71.2969, 73.4841,
74.9870

■ 44.8410, 36.6460,
16.6152

■ 78.9715, 83.7073,
93.3480

■ 41.6981, 31.8960,
10.8330

■ 86.3948, 94.5077,
108.2961

■ 39.1790, 27.9279,
6.6940

■ 87.0889, 95.8959,
108.5274

■ 37.2344, 24.6960,
4.0194

■ 35.8037, 22.1477,
2.5774

■ 35.4681, 21.5343,
2.2872

Harmonies

Analogous

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



60.9494, 55.9868, 53.5487



58.4234, 55.9868, 45.2634



54.5809, 55.9868, 41.3523

Triad

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



58.4234, 55.9868, 45.2634



45.8351, 55.9868, 57.1598



55.9602, 55.9868, 84.6625

Complementary

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



58.4234, 55.9868, 45.2634



54.7214, 61.8480, 85.3981

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.



51.8697, 55.9868, 85.9537



58.4234, 55.9868, 45.2634



46.1621, 55.9868, 69.0256

Square

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



58.4234, 55.9868, 45.2634



47.4060, 55.9868, 47.6150



48.3234, 55.9868, 79.9214



59.4775, 55.9868, 76.5912

Rectangle

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



58.4234, 55.9868, 45.2634



51.8492, 55.9868, 41.3604



48.3234, 55.9868, 79.9214



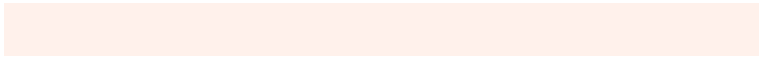
54.6021, 55.9868, 85.9405

Sweetspot

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



58.4249, 55.9894, 45.2646



87.5601, 90.0000, 91.0514



59.4902, 50.3416, 69.5993



18.4561, 18.8803, 18.8159



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.



58.4249, 55.9894, 45.2646



68.3693, 63.7803, 47.1605



65.8766, 70.8929, 47.7485



14.7297, 15.0732, 15.0375



19.7871, 12.1483, 1.3020



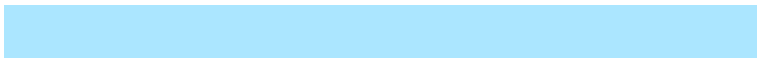
1.5415, 1.0564, 0.1227

Inverse Universe

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



54.7214, 61.8480, 85.3981



63.0018, 72.2409, 105.2311



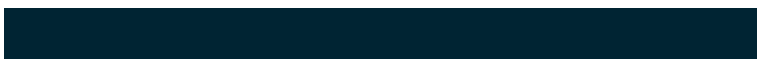
47.5745, 47.5542, 83.0158



14.4212, 15.5638, 18.3884



15.3761, 17.8142, 45.0113



1.2168, 1.4776, 3.3530

Previews

White Background



This preview shows how the XYZ color 58.4234, 55.9868, 45.2634 looks on a white background.

Color Contrast Check

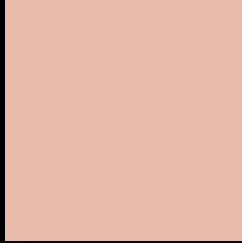
Large Text (above 18pt) WCAG AA × Fail

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 58.4234, 55.9868, 45.2634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

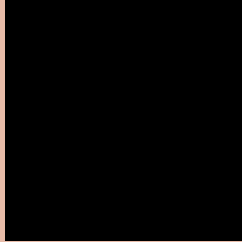
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4234, 55.9868, 45.2634

Background



This preview shows how black text looks on a background with the XYZ color 58.4234, 55.9868, 45.2634.



This preview shows how white text looks on a background with the XYZ color 58.4234, 55.9868,

45.2634.

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

58.4234, 55.9868, 45.2634

Protanopia

53.3384, 56.2539, 48.0913

Deuteranopia

57.2534, 56.0224, 45.3319



Tritanopia

61.5945, 56.0204, 60.9927

Trichromacy



Original Color

58.4234, 55.9868, 45.2634

Protanomaly

55.0571, 56.1611, 46.9681

Deuteranomaly

57.6721, 55.9178, 45.2897

Tritanomaly

60.2503, 55.7782, 54.6044

Monochromacy



Original Color

58.4234, 55.9868, 45.2634

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.4562, 56.5099, 55.5616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4234, 55.9868, 45.2634 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(232, 188, 169)` looks like.

```
.text, #text, p{  
    color:rgb(232, 188, 169)  
}
```

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(232, 188, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 188, 169) }
```

Border

The CSS property to change the border of an element to XYZ 58.4234, 55.9868, 45.2634 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(232, 188, 169) }
```


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

```
.border{ border-color:rgb(232, 188, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 188, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 188, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 188, 169);  
box-shadow:4px 4px 4px 4px rgb(232, 188,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4234, 55.9868, 45.2634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 188, 169) }
```

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

```
.background{ background-color: rgb(232,  
188, 169) }
```

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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