

Converting Colors

XYZ(58.5089, 55.2974, 53.6866)

Have a look what the booklet for
XYZ(58.5089, 55.2974, 53.6866)
contains.

XYZ(58.3108, 55.1146, 53.4638)	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(58.3108, 55.1146,
53.4638)**

Conversions

Conversions Part 1

Format	Color
Hex	E4BAB9
RGB	228, 186, 185
RGB Percent	89%, 73%, 73%
CMY	0.1059, 0.2706, 0.2745
CMYK	0.00, 0.18, 0.19, 0.11
HSL	1°, 44%, 81%
HSV	1°, 19%, 89%
XYZ	58.3108, 55.1146, 53.4638
YIQ	198.4440, 25.3530, 8.5930

Conversions

Conversions Part 2

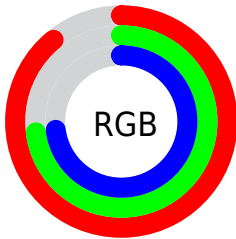
Format	Color
R _Y B	228, 186, 185
Decimal	14990009
CIE Lab	79.11, 14.91, 6.19
CIE LCh	79, 16.145, 22.560
Yxy	55.1146, 0.3494, 0.3302
Android (android.graphics.Color)	4293180089 (0xFFE4BAB9)
YUV	198.4440, -6.6279, 25.9206
Hunter-Lab	74.2392, 10.2833, 9.2694

Details

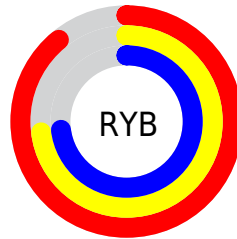
The XYZ color **58.3108, 55.1146, 53.4638** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.4797, 70.8522, 83.8348**, and the grayscale version is **53.9763, 56.7872, 61.8413**.

A 20% lighter version of the original color is **88.8693, 91.1151, 96.1222**, and **29.5656, 27.2117, 25.5239** is the 20% darker color. If you saturate the color by 10%, you get **51.7633, 45.5671, 40.3434**, and if you desaturate by 10%, it is **65.9784, 66.2835, 68.8630**.

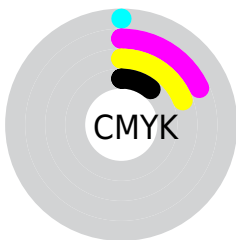
Distribution



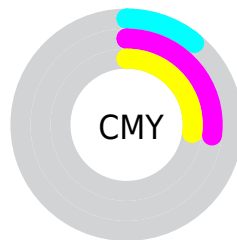
- Red (89%)
- Green (73%)
- Blue (73%)



- Red (89%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (18%)
- Yellow (19%)
- Black (11%)





- Cyan (11%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3108, 55.1146, 53.4638 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 58.3108, 55.1146, 53.4638 by changing the saturation by 10% instead.


 58.3108, 55.1146,
53.4638

 58.3108, 55.1146,
53.4638


408.2783,
406.3462, 417.1787

 42.3028, 39.4935,
37.7829


 101.4957, 97.7088,
96.7349

 29.5306, 27.1438,
25.5137


129.4033,
125.4508, 125.1623

 19.6289, 17.6813,
16.2377


162.0081,
158.0017, 158.6755

 12.2323, 10.7214,
9.5363

199.6755,
195.7461, 197.6931

 6.9754, 5.8798,
4.9911

242.7709,
239.0684, 242.6337

 3.4929, 2.7721,
2.1834

291.6596,

 1.4195, 1.0140,

288.3529, 293.9158

0.6648

346.7069,
343.9840, 351.9579

■ 0.2700, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3108, 55.1146,
53.4638

■ 58.3108, 55.1146,
53.4638

■ 51.7633, 45.5671,
40.3434

■ 65.9784, 66.2835,
68.8630

■ 46.2791, 37.5587,
29.3905

■ 74.8102, 79.1362,
86.6384

■ 41.8036, 31.0111,
20.4894

■ 84.8536, 93.7411,
106.8858

■ 38.2753, 25.8361,
13.5125

■ 85.8051, 95.2341,
108.4673

■ 35.6261, 21.9362,
8.3178

■ 33.7787, 19.2010,
4.7439

■ 32.6426, 17.5013,
2.6002

■ 32.0947, 16.6705,
1.6008

■ 32.0529, 16.6097,
1.5166

Harmonies

Analogous

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



58.7647, 55.1146, 62.3352



58.3108, 55.1146, 53.4638



56.2382, 55.1146, 47.0082

Triad

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



58.3108, 55.1146, 53.4638



47.6227, 55.1146, 49.8666



51.5874, 55.1146, 79.3584

Complementary

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



58.3108, 55.1146, 53.4638



61.4797, 70.8522, 83.8348

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.



48.7115, 55.1146, 75.2131



58.3108, 55.1146, 53.4638



46.4842, 55.1146, 57.7442

Square

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



58.3108, 55.1146, 53.4638



50.0460, 55.1146, 45.0845



46.8745, 55.1146, 67.0708



54.7953, 55.1146, 77.9130

Rectangle

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



58.3108, 55.1146, 53.4638



54.2618, 55.1146, 44.6385



46.8745, 55.1146, 67.0708



50.5516, 55.1146, 78.5592

Sweetspot

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



58.3123, 55.1171, 53.4649



88.1006, 89.8874, 94.9112



63.2487, 56.7543, 80.4999



18.7024, 19.0144, 20.0037



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.



58.3123, 55.1171, 53.4649



71.3738, 65.5217, 61.3188



63.1178, 64.7281, 55.0668



14.4038, 14.4216, 14.9289



18.5203, 9.6147, 0.8797



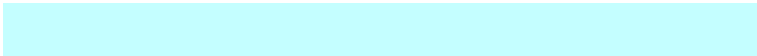
1.3782, 0.7297, 0.0682

Inverse Universe

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



61.4797, 70.8522, 83.8348



76.2307, 89.6519, 107.8945



56.0310, 59.9548, 82.0186



14.7771, 16.2756, 18.5070



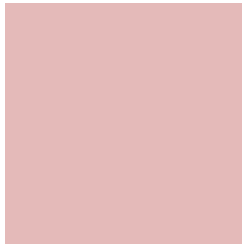
23.2863, 33.6347, 47.6480



1.7300, 2.5039, 3.5241

Previews

White Background



This preview shows how the XYZ color 58.3108, 55.1146, 53.4638 looks on a white background.

Color Contrast Check

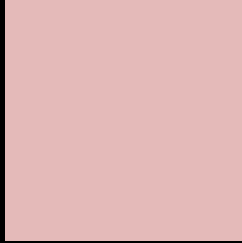
Large Text (above 18pt) WCAG AA × Fail

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 58.3108, 55.1146, 53.4638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

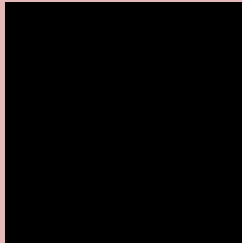
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3108, 55.1146, 53.4638

Background



This preview shows how black text looks on a background with the XYZ color 58.3108, 55.1146, 53.4638.



This preview shows how white text looks on a background with the XYZ color 58.3108, 55.1146,

53.4638.

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

58.3108, 55.1146, 53.4638

Protanopia

52.8968, 55.1654, 56.5752

Deuteranopia

56.0627, 54.9160, 52.9924



Tritanopia

59.9667, 55.1812, 60.9165

Trichromacy



Original Color

58.3108, 55.1146, 53.4638

Protanomaly

54.7907, 55.1790, 55.3398

Deuteranomaly

56.7591, 54.9567, 52.9636

Tritanomaly

59.2877, 55.2062, 57.9831

Monochromacy



Original Color

58.3108, 55.1146, 53.4638

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.2119, 55.9891, 58.3491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3108, 55.1146, 53.4638 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(228, 186, 185)` looks like.

```
.text, #text, p{  
    color:rgb(228, 186, 185)  
}
```

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(228, 186, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 186, 185) }
```

Border

The CSS property to change the border of an element to XYZ 58.3108, 55.1146, 53.4638 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(228, 186, 185) }
```


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

```
.border{ border-color:rgb(228, 186, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 186, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 186, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 186, 185);  
box-shadow:4px 4px 4px 4px rgb(228, 186,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3108, 55.1146, 53.4638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 186, 185) }
```

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

```
.background{ background-color: rgb(228,  
186, 185) }
```

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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