

Converting Colors

XYZ(58.3803, 55.4893, 50.2312)

Have a look what the booklet for
XYZ(58.3803, 55.4893, 50.2312)
contains.

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Color

**XYZ(58.5401, 55.6183,
50.2978)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BBB3
RGB	230, 187, 179
RGB Percent	90%, 73%, 70%
CMY	0.0980, 0.2666, 0.2980
CMYK	0.00, 0.19, 0.22, 0.10
HSL	9°, 50%, 80%
HSV	9°, 22%, 90%
XYZ	58.5401, 55.6183, 50.2978
YIQ	198.9450, 28.1960, 6.6280

Conversions

Conversions Part 2

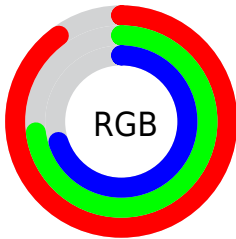
Format	Color
R _Y B	230, 188, 179
Decimal	15121331
CIE Lab	79.40, 14.22, 9.87
CIE LCh	79, 17.310, 34.763
Yxy	55.6183, 0.3560, 0.3382
Android (android.graphics.Color)	4293311411 (0xFFE6BBB3)
YUV	198.9450, -9.8329, 27.2352
Hunter-Lab	74.5777, 9.6035, 12.2171

Details

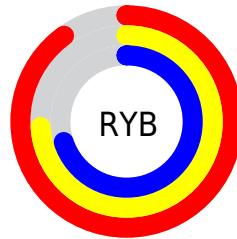
The XYZ color **58.5401, 55.6183, 50.2978** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.9939, 67.5375, 84.7899**, and the grayscale version is **54.2999, 57.1277, 62.2120**.

A 20% lighter version of the original color is **88.2860, 91.3593, 91.5782**, and **29.7466, 27.5552, 23.4895** is the 20% darker color. If you saturate the color by 10%, you get **52.5659, 47.0869, 37.7712**, and if you desaturate by 10%, it is **65.4608, 65.4208, 65.0553**.

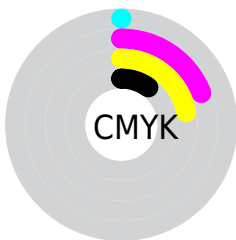
Distribution



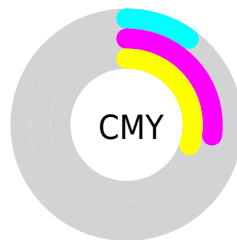
- Red (90%)
- Green (73%)
- Blue (70%)



- Red (90%)
- Yellow (74%)
- Blue (70%)



- Cyan (0%)
- Magenta (19%)
- Yellow (22%)
- Black (10%)




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5401, 55.6183, 50.2978 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 58.5401, 55.6183, 50.2978 by changing the saturation by 10% instead.

 58.5401, 55.6183,
50.2978

 58.5401, 55.6183,
50.2978


409.1170,
408.2514, 404.5978

 42.4880, 39.8970,
35.2772


 101.8274, 98.4463,
92.0168

 29.6763, 27.4582,
23.5913


129.7933,
126.3217, 119.5523

 19.7399, 17.9177,
14.8213


162.4611,
159.0173, 152.0966

 12.3133, 10.8909,
8.5488

200.1962,
196.9174, 190.0681

 7.0311, 5.9935,
4.3553

243.3640,
240.4065, 233.8854

 3.5281, 2.8411,
1.8222

292.3298,

 1.4388, 1.0494,

289.8690, 283.9671

0.4426

347.4590,
345.6891, 340.7317

■ 0.2836, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5401, 55.6183,
50.2978

■ 58.5401, 55.6183,
50.2978

■ 52.5659, 47.0869,
37.7712

■ 65.4608, 65.4208,
65.0553

■ 47.4923, 39.7671,
27.3635

■ 73.3623, 76.5358,
82.1415

■ 43.2764, 33.6060,
18.9579

■ 82.2825, 89.0119,
101.6524

■ 39.8698, 28.5437,
12.4252

■ 86.4433, 95.5631,
108.4972

■ 37.2195, 24.5148,
7.6208

■ 35.2655, 21.4471,
4.3789

■ 33.9383, 19.2584,
2.5008

■ 33.2671, 18.0908,
1.7385

Harmonies

Analogous

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



59.7998, 55.6183, 58.9850



58.5401, 55.6183, 50.2978



55.7614, 55.6183, 44.8577

Triad

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



58.5401, 55.6183, 50.2978



47.0515, 55.6183, 52.7670



53.4198, 55.6183, 81.6816

Complementary

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



58.5401, 55.6183, 50.2978



58.9939, 67.5375, 84.7899

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.



50.0678, 55.6183, 79.5531



58.5401, 55.6183, 50.2978



46.4855, 55.6183, 62.1605

Square

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



58.5401, 55.6183, 50.2978



49.1474, 55.6183, 46.1700



47.5663, 55.6183, 72.1284



56.7624, 55.6183, 77.6639

Rectangle

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



58.5401, 55.6183, 50.2978



53.4752, 55.6183, 43.4441



47.5663, 55.6183, 72.1284



52.2565, 55.6183, 81.6648

Sweetspot

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



58.5416, 55.6208, 50.2990



87.6938, 89.6749, 92.9227



61.9855, 54.3565, 76.5787



18.6407, 19.0120, 19.6095



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.



58.5416, 55.6208, 50.2990



70.0752, 64.7241, 55.3377



64.3513, 67.2402, 52.2355



14.5587, 14.7314, 14.9806



18.8907, 10.3555, 1.0032



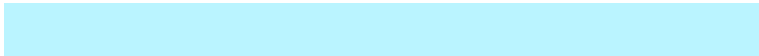
1.4521, 0.8776, 0.0929

Inverse Universe

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



58.9939, 67.5375, 84.7899



70.7452, 82.4961, 106.8024



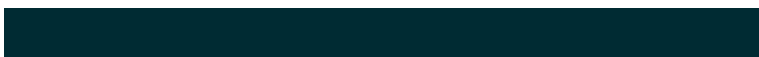
52.8061, 55.1619, 82.7274



14.6047, 15.9308, 18.4495



19.0700, 25.2021, 46.2426



1.4613, 1.9664, 3.4345

Previews

White Background



This preview shows how the XYZ color 58.5401, 55.6183, 50.2978 looks on a white background.

Color Contrast Check

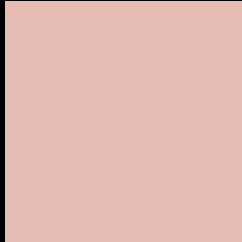
Large Text (above 18pt) WCAG AA × Fail

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 58.5401, 55.6183, 50.2978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

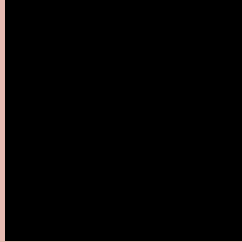
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5401, 55.6183, 50.2978

Background



This preview shows how black text looks on a background with the XYZ color 58.5401, 55.6183, 50.2978.

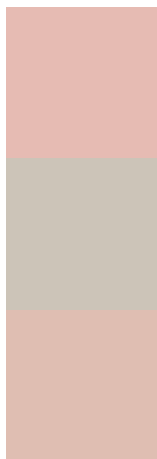


This preview shows how white text looks on a background with the XYZ color 58.5401, 55.6183,

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

58.5401, 55.6183, 50.2978

Protanopia

53.2935, 55.7779, 53.3047

Deuteranopia

56.8808, 55.7292, 49.8784



Tritanopia

60.6122, 55.5140, 60.9467

Trichromacy



Original Color

58.5401, 55.6183, 50.2978

Protanomaly

54.9540, 55.6635, 52.1037

Deuteranomaly

57.5975, 55.7783, 49.8501

Tritanomaly

59.7079, 55.4484, 56.8459

Monochromacy



Original Color

58.5401, 55.6183, 50.2978

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.6079, 56.5376, 57.8512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5401, 55.6183, 50.2978 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, 187, 179)` looks like.

```
.text, #text, p{  
    color:rgb(230, 187, 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(230, 187, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 187, 179) }
```

Border

The CSS property to change the border of an element to XYZ 58.5401, 55.6183, 50.2978 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, 187, 179) }
```


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

```
.border{ border-color:rgb(230, 187, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 187, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 187, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 187, 179);  
box-shadow:4px 4px 4px 4px rgb(230, 187,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5401, 55.6183, 50.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 187, 179) }
```

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

```
.background{ background-color: rgb(230,  
187, 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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