

Converting Colors

XYZ(58.1333, 55.3151, 54.1835)

Have a look what the booklet for
XYZ(58.1333, 55.3151, 54.1835)
contains.

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Color

**XYZ(57.9973, 55.2546,
54.0628)**

Conversions

Conversions Part 1

Format	Color
Hex	E2BBBA
RGB	226, 187, 186
RGB Percent	89%, 73%, 73%
CMY	0.1137, 0.2666, 0.2706
CMYK	0.00, 0.17, 0.18, 0.11
HSL	2°, 41%, 81%
HSV	2°, 18%, 89%
XYZ	57.9973, 55.2546, 54.0628
YIQ	198.5470, 23.5650, 7.9570

Conversions

Conversions Part 2

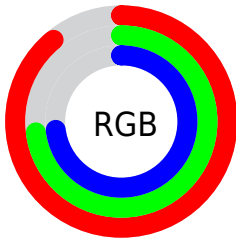
Format	Color
R _Y B	226, 187, 186
Decimal	14859194
CIE _{Lab}	79.19, 13.80, 5.75
CIE _{LCh}	79, 14.948, 22.604
Yxy	55.2546, 0.3466, 0.3302
Android (android.graphics.Color)	4293049274 (0xFFE2BBBA)
YUV	198.5470, -6.1857, 24.0763
Hunter-Lab	74.3334, 9.1878, 8.9117

Details

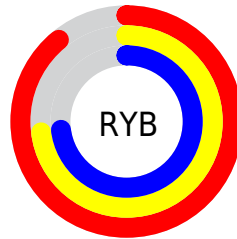
The XYZ color **57.9973, 55.2546, 54.0628** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.9019, 69.7788, 82.2108**, and the grayscale version is **54.0372, 56.8514, 61.9111**.

A 20% lighter version of the original color is **89.3176, 91.7720, 97.0106**, and **29.3363, 27.2897, 25.9115** is the 20% darker color. If you saturate the color by 10%, you get **51.4614, 45.7281, 40.9532**, and if you desaturate by 10%, it is **65.6334, 66.3723, 69.4151**.

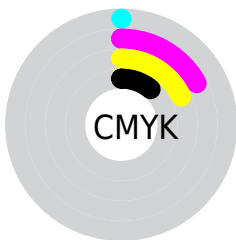
Distribution



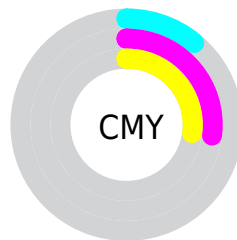
- Red (89%)
- Green (73%)
- Blue (73%)



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



- Cyan (0%)
- Magenta (17%)
- Yellow (18%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9973, 55.2546, 54.0628 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 57.9973, 55.2546, 54.0628 by changing the saturation by 10% instead.

■ 57.9973, 55.2546,
54.0628

■ 57.9973, 55.2546,
54.0628

407.1299,
406.8763, 419.5308

■ 42.0497, 39.6056,
38.2584

■ 101.0419, 97.9139,
97.6238

■ 29.3315, 27.2312,
25.8799

128.8697,
125.6930, 126.2174

■ 19.4773, 17.7469,
16.5088

161.3882,
158.2842, 159.9111

■ 12.1217, 10.7684,
9.7267

198.9629,
196.0719, 199.1236

■ 6.8994, 5.9113,
5.1149

241.9590,
239.4406, 244.2732

■ 3.4450, 2.7912,
2.2549

290.7420,

■ 1.3932, 1.0237,

288.7747, 295.7786

0.7058

345.6772,
344.4584, 354.0583

■ 0.2514, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9973, 55.2546,
54.0628

■ 57.9973, 55.2546,
54.0628

■ 51.4614, 45.7281,
40.9532

■ 65.6334, 66.3723,
69.4151

■ 45.9707, 37.7130,
29.9782

■ 74.4123, 79.1413,
87.1045

■ 41.4724, 31.1339,
21.0259

■ 84.3799, 93.6279,
107.2241

■ 37.9072, 25.9060,
13.9727

■ 85.1742, 94.9089,
108.4378

■ 35.2097, 21.9356,
8.6817

■ 33.3058, 19.1169,
4.9977

■ 32.1092, 17.3271,
2.7383

■ 31.5095, 16.4138,
1.6568

■ 31.4258, 16.2920,
1.4884

Harmonies

Analogous

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



58.4184, 55.2546, 62.3039



57.9973, 55.2546, 54.0628



56.0817, 55.2546, 48.0247

Triad

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



57.9973, 55.2546, 54.0628



48.0882, 55.2546, 50.7210



51.7824, 55.2546, 77.9824

Complementary

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



57.9973, 55.2546, 54.0628



60.9019, 69.7788, 82.2108

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.



49.1083, 55.2546, 74.1912



57.9973, 55.2546, 54.0628



47.0286, 55.2546, 58.0714

Square

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



57.9973, 55.2546, 54.0628



50.3423, 55.2546, 46.2267



47.3949, 55.2546, 66.7054



54.7552, 55.2546, 76.6514

Rectangle

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



57.9973, 55.2546, 54.0628



54.2527, 55.2546, 45.7994



47.3949, 55.2546, 66.7054



50.8203, 55.2546, 77.2534

Sweetspot

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



57.9988, 55.2571, 54.0640



89.2267, 91.5300, 97.1657



62.5597, 56.7417, 79.1283



18.9297, 19.3460, 20.4581



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.



57.9988, 55.2571, 54.0640



73.1431, 68.1131, 64.8284



62.4597, 64.1789, 55.5509



13.7347, 13.7553, 14.2379



17.9411, 9.3202, 0.8534



1.2535, 0.6658, 0.0624

Inverse Universe

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



60.9019, 69.7788, 82.2108



77.5912, 90.3652, 107.9605



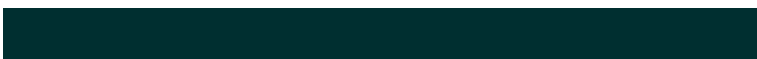
55.8890, 59.7531, 80.5398



14.0855, 15.5102, 17.6391



22.4953, 32.4601, 46.1282



1.5687, 2.2689, 3.2005

Previews

White Background



This preview shows how the XYZ color 57.9973, 55.2546, 54.0628 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 57.9973, 55.2546, 54.0628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

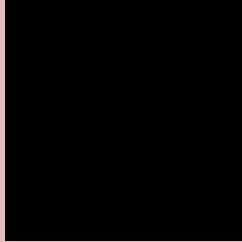
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9973, 55.2546, 54.0628

Background



This preview shows how black text looks on a background with the XYZ color 57.9973, 55.2546, 54.0628.

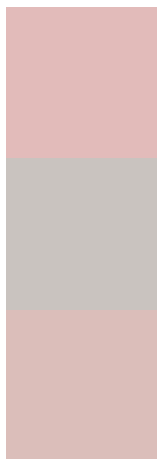


This preview shows how white text looks on a background with the XYZ color 57.9973, 55.2546,

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

57.9973, 55.2546, 54.0628

Protanopia

53.0065, 55.2093, 57.1529

Deuteranopia

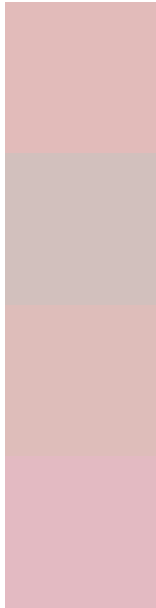
56.4898, 55.4322, 54.1765



Tritanopia

59.6527, 55.3154, 61.5657

Trichromacy



Original Color

57.9973, 55.2546, 54.0628

Protanomaly

54.6133, 55.0750, 55.8962

Deuteranomaly

57.1847, 55.4700, 54.1472

Tritanomaly

58.9751, 55.3437, 58.6130

Monochromacy



Original Color

57.9973, 55.2546, 54.0628

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.5472, 56.4806, 59.0131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9973, 55.2546, 54.0628 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(226, 187, 186)` looks like.

```
.text, #text, p{  
    color:rgb(226, 187, 186)  
}
```

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(226, 187, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 187, 186) }
```

Border

The CSS property to change the border of an element to XYZ 57.9973, 55.2546, 54.0628 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(226, 187, 186) }
```


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

```
.border{ border-color:rgb(226, 187, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 187, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 187, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 187, 186); box-shadow:4px 4px 4px 4px rgb(226, 187, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9973, 55.2546, 54.0628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 187, 186) }
```

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

```
.background{ background-color: rgb(226,  
187, 186) }
```

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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