

Converting Colors

XYZ(59.0830, 56.5161, 54.2438)

Have a look what the booklet for
XYZ(59.0830, 56.5161, 54.2438)
contains.

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Color

**XYZ(59.0554, 56.4343,
54.2347)**

Conversions

Conversions Part 1

Format	Color
Hex	E4BDBA
RGB	228, 189, 186
RGB Percent	89%, 74%, 73%
CMY	0.1059, 0.2588, 0.2706
CMYK	0.00, 0.17, 0.18, 0.11
HSL	4°, 44%, 81%
HSV	4°, 18%, 89%
XYZ	59.0554, 56.4343, 54.2347
YIQ	200.3190, 24.2070, 7.3350

Conversions

Conversions Part 2

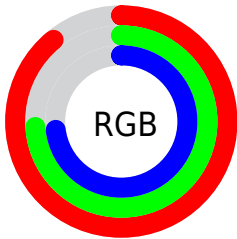
Format	Color
R _Y B	228, 189, 186
Decimal	14990778
CIE Lab	79.86, 13.46, 6.74
CIE LCh	80, 15.056, 26.584
Yxy	56.4343, 0.3479, 0.3325
Android (android.graphics.Color)	4293180858 (0xFFE4BDBA)
YUV	200.3190, -7.0593, 24.2762
Hunter-Lab	75.1228, 8.8573, 9.7817

Details

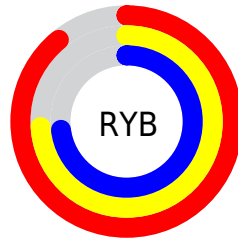
The XYZ color **59.0554, 56.4343, 54.2347** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.1780, 69.8893, 83.6648**, and the grayscale version is **55.1293, 58.0003, 63.1623**.

A 20% lighter version of the original color is **89.9194, 92.9756, 97.2112**, and **30.0511, 28.0724, 26.0250** is the 20% darker color. If you saturate the color by 10%, you get **52.5964, 47.0905, 41.0622**, and if you desaturate by 10%, it is **66.5689, 67.2672, 69.6681**.

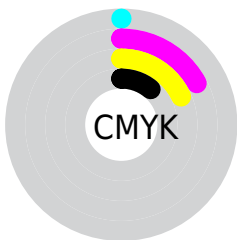
Distribution



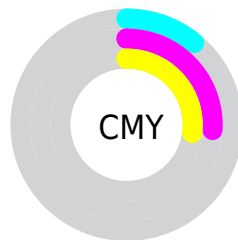
- Red (89%)
- Green (74%)
- Blue (73%)



- Red (89%)
- Yellow (74%)
- Blue (73%)



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





- Cyan (11%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0554, 56.4343, 54.2347 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 59.0554, 56.4343, 54.2347 by changing the saturation by 10% instead.


 59.0554, 56.4343,
54.2347

 59.0554, 56.4343,
54.2347


410.9979,
411.3262, 420.2043

 42.9043, 40.5512,
38.3949


 102.5723, 99.6393,
97.8786

 30.0042, 27.9686,
25.9851


130.6689,
127.7300, 126.5198

 19.9899, 18.3020,
16.5868

163.4779,
160.6587, 160.2652

 12.4959, 11.1670,
9.7815

201.3648,
198.8098, 199.5334

 7.1569, 6.1793,
5.1506

244.6948,
242.5677, 244.7428

 3.6076, 2.9544,
2.2756

293.8335,

 1.4827, 1.1080,

292.3168, 296.3121

0.7175

349.1461,
348.4415, 354.6597

■ 0.3140, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0554, 56.4343,
54.2347

■ 59.0554, 56.4343,
54.2347

■ 52.5964, 47.0905,
41.0622

■ 66.5689, 67.2672,
69.6681

■ 47.1404, 39.1634,
30.0411

■ 75.1763, 79.6422,
87.4577

■ 42.6383, 32.5862,
21.0580

■ 84.9206, 93.6191,
107.6979

■ 39.0351, 27.2836,
13.9880

■ 85.8051, 95.2341,
108.4673

■ 36.2703, 23.1729,
8.6922

■ 34.2758, 20.1617,
5.0131

■ 32.9728, 18.1440,
2.7652

■ 32.2589, 16.9901,
1.6826

■ 32.1850, 16.8739,
1.5606

Harmonies

Analogous

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



59.7076, 56.4343, 62.4534



59.0554, 56.4343, 54.2347



56.9334, 56.4343, 48.4695

Triad

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



59.0554, 56.4343, 54.2347



48.8922, 56.4343, 52.6557



53.2905, 56.4343, 79.7805

Complementary

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



59.0554, 56.4343, 54.2347



61.1780, 69.8893, 83.6648

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.



50.4744, 56.4343, 76.5568



59.0554, 56.4343, 54.2347



47.9964, 56.4343, 60.4522

Square

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



59.0554, 56.4343, 54.2347



51.0577, 56.4343, 47.6203



48.5645, 56.4343, 69.2727



56.3061, 56.4343, 77.7211

Rectangle

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



59.0554, 56.4343, 54.2347



55.0111, 56.4343, 46.5177



48.5645, 56.4343, 69.2727



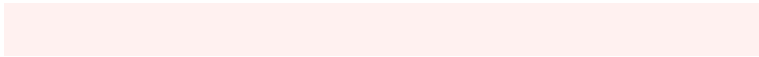
52.2902, 56.4343, 79.2718

Sweetspot

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



59.0569, 56.4369, 54.2359



88.3181, 90.3224, 94.9837



63.1723, 57.0597, 79.0619



18.7536, 19.1167, 20.0207



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.



59.0569, 56.4369, 54.2359



72.8725, 68.0495, 63.2661



63.8556, 66.0343, 55.8354



14.4594, 14.5326, 14.9474



18.6160, 9.8062, 0.9116



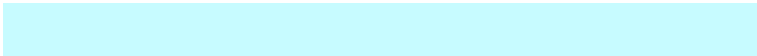
1.4048, 0.7830, 0.0771

Inverse Universe

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



61.1780, 69.8893, 83.6648



76.0699, 88.3348, 107.6488



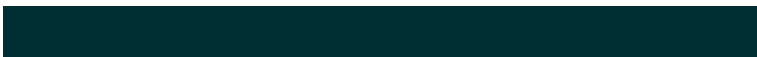
55.8944, 59.3221, 81.9036



14.7146, 16.1506, 18.4862



21.6738, 30.4096, 47.1105



1.6282, 2.3003, 3.4902

Previews

White Background



This preview shows how the XYZ color 59.0554, 56.4343, 54.2347 looks on a white background.

Color Contrast Check

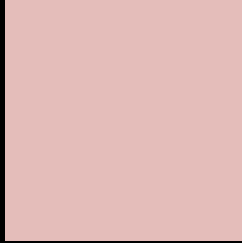
Large Text (above 18pt) WCAG AA × Fail

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 59.0554, 56.4343, 54.2347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

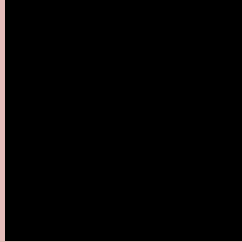
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0554, 56.4343, 54.2347

Background



This preview shows how black text looks on a background with the XYZ color 59.0554, 56.4343, 54.2347.

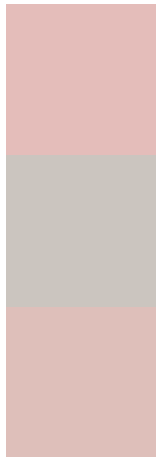


This preview shows how white text looks on a background with the XYZ color 59.0554, 56.4343,

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

59.0554, 56.4343, 54.2347

Protanopia

53.9988, 56.3906, 57.3286

Deuteranopia

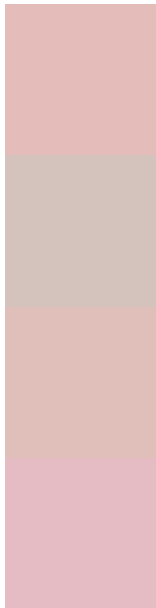
57.6179, 56.3364, 54.2916



Tritanopia

60.9461, 56.5807, 62.9673

Trichromacy



Original Color

59.0554, 56.4343, 54.2347

Protanomaly

55.6285, 56.2547, 56.0704

Deuteranomaly

58.0169, 56.2194, 54.2480

Tritanomaly

60.2601, 56.6100, 59.9753

Monochromacy



Original Color

59.0554, 56.4343, 54.2347

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.1686, 57.1216, 59.6949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0554, 56.4343, 54.2347 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, 189, 186)` looks like.

```
.text, #text, p{  
    color:rgb(228, 189, 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(228, 189, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 189, 186) }
```

Border

The CSS property to change the border of an element to XYZ 59.0554, 56.4343, 54.2347 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, 189, 186) }
```


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

```
.border{ border-color:rgb(228, 189, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 189, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 189, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 189, 186);  
box-shadow:4px 4px 4px 4px rgb(228, 189,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0554, 56.4343, 54.2347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 189, 186) }
```

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

```
.background{ background-color: rgb(228,  
189, 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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