

Converting Colors

XYZ(58.2393, 56.0517, 55.6073)

Have a look what the booklet for
XYZ(58.2393, 56.0517, 55.6073)
contains.

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Color

**XYZ(58.0152, 55.8733,
55.3039)**

Conversions

Conversions Part 1

Format	Color
Hex	E0BDBC
RGB	224, 189, 188
RGB Percent	88%, 74%, 74%
CMY	0.1216, 0.2588, 0.2627
CMYK	0.00, 0.16, 0.16, 0.12
HSL	2°, 37%, 81%
HSV	2°, 16%, 88%
XYZ	58.0152, 55.8733, 55.3039
YIQ	199.3510, 21.1810, 7.1090

Conversions

Conversions Part 2

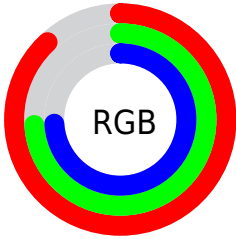
Format	Color
R _Y B	224, 189, 188
Decimal	14728636
CIE Lab	79.54, 12.32, 5.15
CIE LCh	80, 13.352, 22.702
Yxy	55.8733, 0.3429, 0.3302
Android (android.graphics.Color)	4292918716 (0xFFE0BDBC)
YUV	199.3510, -5.5960, 21.6172
Hunter-Lab	74.7484, 7.7311, 8.4572

Details

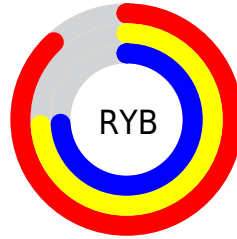
The XYZ color **58.0152, 55.8733, 55.3039** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.5810, 68.8472, 80.6175**, and the grayscale version is **54.5264, 57.3660, 62.4716**.

A 20% lighter version of the original color is **90.2215, 93.0965, 98.8022**, and **29.3258, 27.6824, 26.7193** is the 20% darker color. If you saturate the color by 10%, you get **51.4480, 46.3077, 42.1116**, and if you desaturate by 10%, it is **65.6635, 67.0003, 70.7069**.

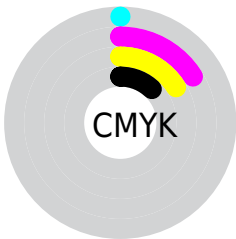
Distribution



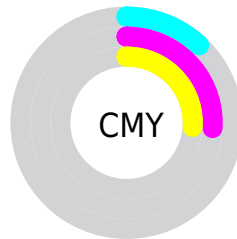
- Red (88%)
- Green (74%)
- Blue (74%)



- Red (88%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (16%)
- Yellow (16%)
- Black (12%)





- Cyan (12%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0152, 55.8733, 55.3039 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 58.0152, 55.8733, 55.3039 by changing the saturation by 10% instead.


 58.0152, 55.8733,
55.3039

 58.0152, 55.8733,
55.3039


407.1955,
409.2138, 424.3772

 42.0642, 40.1013,
39.2448


 101.0678, 98.8193,
99.4617

 29.3429, 27.6176,
26.6410

128.9002,
126.7621, 128.3975

 19.4859, 18.0376,
17.0737

161.4236,
159.5307, 162.4626

 12.1280, 10.9770,
10.1245

199.0036,
197.5095, 202.0757

 6.9037, 6.0514,
5.3749

242.0054,
241.0828, 247.6551

 3.4478, 2.8763,
2.4063

290.7944,

 1.3947, 1.0675,

290.6350, 299.6195

0.7899

345.7360,
346.5506, 358.3873

■ 0.2525, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0152, 55.8733,
55.3039

■ 58.0152, 55.8733,
55.3039

■ 51.4480, 46.3077,
42.1116

■ 65.6635, 67.0003,
70.7069

■ 45.9089, 38.2267,
31.0254

■ 74.4338, 79.7462,
88.4118

■ 41.3472, 31.5580,
21.9374

■ 84.3379, 94.1618,
108.3377

■ 37.7062, 26.2206,
14.7286

■ 84.5507, 94.5874,
108.4086

■ 34.9233, 22.1253,
9.2676

■ 32.9282, 19.1718,
5.4061

■ 31.6392, 17.2444,
2.9712

■ 30.9570, 16.2028,
1.7486

■ 30.8085, 15.9830,
1.4612

Harmonies

Analogous

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



58.3961, 55.8733, 62.7353



58.0152, 55.8733, 55.3039



56.2979, 55.8733, 49.8108

Triad

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



58.0152, 55.8733, 55.3039



49.1018, 55.8733, 52.3051



52.4524, 55.8733, 76.7218

Complementary

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



58.0152, 55.8733, 55.3039



60.5810, 68.8472, 80.6175

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.



50.0369, 55.8733, 73.3799



58.0152, 55.8733, 55.3039



48.1452, 55.8733, 58.9765

Square

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



58.0152, 55.8733, 55.3039



51.1372, 55.8733, 48.1840



48.4817, 55.8733, 66.7264



55.1245, 55.8733, 75.5301

Rectangle

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



58.0152, 55.8733, 55.3039



54.6567, 55.8733, 47.7769



48.4817, 55.8733, 66.7264



51.5847, 55.8733, 76.0824

Sweetspot

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



58.0167, 55.8758, 55.3051



89.2373, 91.5512, 97.1692



62.0977, 57.1639, 77.8566



18.9322, 19.3511, 20.4589



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.



58.0167, 55.8758, 55.3051



74.9793, 70.8065, 68.4586



62.0343, 63.9110, 56.6443



13.7377, 13.7614, 14.2389



17.9464, 9.3308, 0.8551



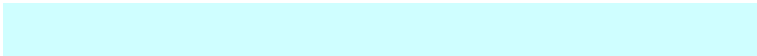
1.2549, 0.6687, 0.0629

Inverse Universe

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



60.5810, 68.8472, 80.6175



78.9871, 91.0817, 108.0252



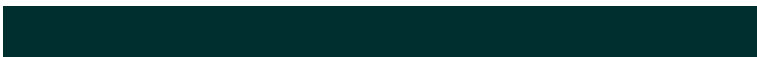
56.1215, 59.9283, 79.1310



14.0821, 15.5033, 17.6379



22.4027, 32.2749, 46.0973



1.5633, 2.2581, 3.1987

Previews

White Background



This preview shows how the XYZ color 58.0152, 55.8733, 55.3039 looks on a white background.

Color Contrast Check

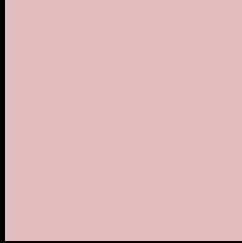
Large Text (above 18pt) WCAG AA × Fail

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 58.0152, 55.8733, 55.3039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

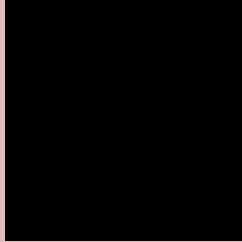
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0152, 55.8733, 55.3039

Background



This preview shows how black text looks on a background with the XYZ color 58.0152, 55.8733, 55.3039.

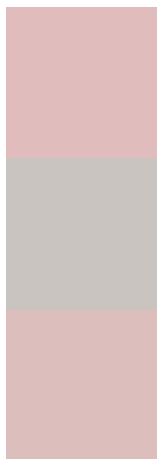


This preview shows how white text looks on a background with the XYZ color 58.0152, 55.8733,

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

58.0152, 55.8733, 55.3039

Protanopia

53.6115, 55.8422, 57.8222

Deuteranopia

57.2231, 56.1081, 55.3909



Tritanopia

59.6770, 55.9264, 62.9079

Trichromacy



Original Color

58.0152, 55.8733, 55.3039

Protanomaly

55.0523, 55.6032, 57.1211

Deuteranomaly

57.3093, 55.8299, 55.3327

Tritanomaly

58.9984, 55.9595, 59.9163

Monochromacy



Original Color

58.0152, 55.8733, 55.3039

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.3779, 56.3802, 59.5935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0152, 55.8733, 55.3039 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(224, 189, 188)` looks like.

```
.text, #text, p{  
    color:rgb(224, 189, 188)  
}
```

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(224, 189, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 189, 188) }
```

Border

The CSS property to change the border of an element to XYZ 58.0152, 55.8733, 55.3039 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(224, 189, 188) }
```


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

```
.border{ border-color:rgb(224, 189, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 189, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 189, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 189, 188); box-shadow:4px 4px 4px 4px rgb(224, 189, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0152, 55.8733, 55.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 189, 188) }
```

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

```
.background{ background-color: rgb(224,  
189, 188) }
```

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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