

Converting Colors

XYZ(58.9421, 55.0609, 55.9778)

Have a look what the booklet for
XYZ(58.9421, 55.0609, 55.9778)
contains.

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Color

**XYZ(58.9563, 55.0736,
56.2381)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B9BE
RGB	229, 185, 190
RGB Percent	90%, 73%, 75%
CMY	0.1020, 0.2745, 0.2549
CMYK	0.00, 0.19, 0.17, 0.10
HSL	353°, 46%, 81%
HSV	353°, 19%, 90%
XYZ	58.9563, 55.0736, 56.2381
YIQ	198.7260, 24.6190, 10.8830

Conversions

Conversions Part 2

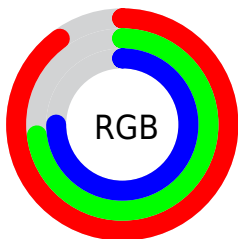
Format	Color
R _Y B	229, 185, 190
Decimal	15055294
CIE Lab	79.08, 16.57, 3.47
CIE LCh	79, 16.933, 11.825
Yxy	55.0736, 0.3463, 0.3235
Android (android.graphics.Color)	4293245374 (0xFFE5B9BE)
YUV	198.7260, -4.3019, 26.5503
Hunter-Lab	74.2116, 11.9364, 7.0177

Details

The XYZ color **58.9563, 55.0736, 56.2381** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.4836, 71.7361, 81.1304**, and the grayscale version is **54.1348, 56.9540, 62.0230**.

A 20% lighter version of the original color is **89.3298, 90.8244, 100.0115**, and **30.0002, 27.1929, 27.3345** is the 20% darker color. If you saturate the color by 10%, you get **52.4797, 45.4269, 43.8846**, and if you desaturate by 10%, it is **66.5166, 66.3920, 70.4787**.

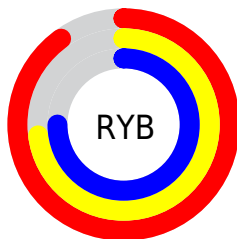
Distribution



Red (90%)

Green (73%)

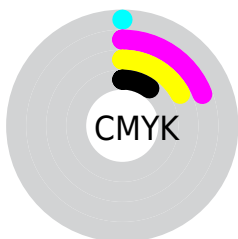
Blue (75%)



Red (90%)

Yellow (73%)

Blue (75%)

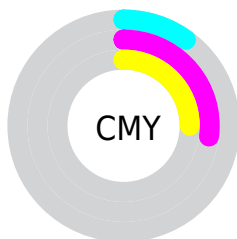


Cyan (0%)

Magenta (19%)

Yellow (17%)

Black (10%)



Cyan (10%)


Magenta (27%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9563, 55.0736, 56.2381 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 58.9563, 55.0736, 56.2381 by changing the saturation by 10% instead.


 58.9563, 55.0736,
56.2381

 58.9563, 55.0736,
56.2381

410.6366,
406.1909, 428.0017

 42.8242, 39.4607,
39.9886


 102.4291, 97.6488,
100.8419

 29.9411, 27.1183,
27.2159


130.5006,
125.3798, 130.0332

 19.9417, 17.6621,
17.5016


163.2825,
157.9190, 164.3756

 12.4607, 10.7076,
10.4270

201.1402,
195.6507, 204.2875

 7.1327, 5.8706,
5.5737

244.4391,
238.9593, 250.1876

 3.5923, 2.7666,
2.5231

293.5446,

 1.4742, 1.0111,

288.2293, 302.4942

0.8524

348.8220,
343.8450, 361.6261

■ 0.3082, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9563, 55.0736,
56.2381

■ 58.9563, 55.0736,
56.2381

■ 52.4797, 45.4269,
43.8846

■ 66.5166, 66.3920,
70.4787

■ 47.0327, 37.3657,
33.3357

■ 75.2023, 79.4482,
86.6774

■ 42.5632, 30.8071,
24.5075

■ 85.0587, 94.3138,
104.9058

■ 39.0130, 25.6580,
17.3086

■ 86.1233, 95.3981,
108.4822

■ 36.3176, 21.8149,
11.6386

■ 34.4038, 19.1597,
7.3863

■ 33.1862, 17.5534,
4.4249

■ 32.5378, 16.7793,
2.5977

■ 32.4998, 16.7327,
2.4943

Harmonies

Analogous

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



58.7552, 55.0736, 65.9502



58.9563, 55.0736, 56.2381



57.3309, 55.0736, 48.4088

Triad

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



58.9563, 55.0736, 56.2381



48.1374, 55.0736, 47.1579



50.3481, 55.0736, 79.4088

Complementary

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



58.9563, 55.0736, 56.2381



61.4836, 71.7361, 81.1304

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.



47.6584, 55.0736, 73.2297



58.9563, 55.0736, 56.2381



46.4204, 55.0736, 54.3548

Square

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



58.9563, 55.0736, 56.2381



51.0275, 55.0736, 43.5558



46.2489, 55.0736, 63.8547



53.6866, 55.0736, 80.0529

Rectangle

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



58.9563, 55.0736, 56.2381



55.4693, 55.0736, 45.0325



46.2489, 55.0736, 63.8547



49.3418, 55.0736, 77.8817

Sweetspot

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



58.9578, 55.0761, 56.2392



88.2545, 89.7807, 96.2399



62.1926, 56.1836, 81.6959



18.7386, 18.9893, 20.3163



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.



58.9578, 55.0761, 56.2392



71.8396, 65.2102, 65.3066



62.1610, 62.3414, 54.6588



14.4432, 14.3945, 15.2683



18.6037, 9.5757, 1.5422



1.3970, 0.7165, 0.2310

Inverse Universe

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



58.9578, 55.0761, 56.2392



71.8396, 65.2102, 65.3066



57.7293, 63.1271, 83.2713



14.4432, 14.3945, 15.2683



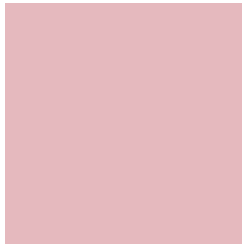
18.6037, 9.5757, 1.5422



1.3970, 0.7165, 0.2310

Previews

White Background



This preview shows how the XYZ color 58.9563, 55.0736, 56.2381 looks on a white background.

Color Contrast Check

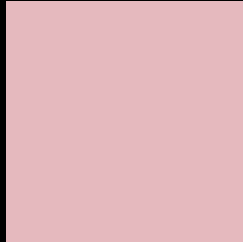
Large Text (above 18pt) WCAG AA × Fail

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 58.9563, 55.0736, 56.2381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

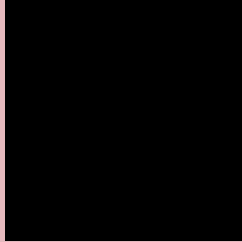
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9563, 55.0736, 56.2381

Background



This preview shows how black text looks on a background with the XYZ color 58.9563, 55.0736, 56.2381.



This preview shows how white text looks on a background with the XYZ color 58.9563, 55.0736,

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

58.9563, 55.0736, 56.2381

Protanopia

53.0321, 55.1578, 60.0760

Deuteranopia

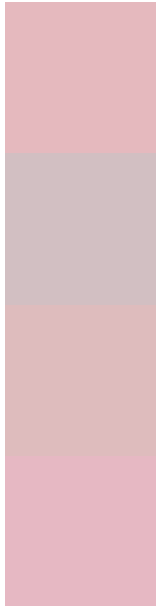
56.5122, 55.4065, 55.8601



Tritanopia

59.9667, 55.1812, 60.9165

Trichromacy



Original Color

58.9563, 55.0736, 56.2381

Protanomaly

54.9467, 54.8583, 58.7316

Deuteranomaly

57.2927, 55.1702, 55.7734

Tritanomaly

59.6239, 55.0441, 59.1118

Monochromacy



Original Color

58.9563, 55.0736, 56.2381

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.8339, 56.2707, 60.1431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9563, 55.0736, 56.2381 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(229, 185, 190)` looks like.

```
.text, #text, p{  
    color:rgb(229, 185, 190)  
}
```

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(229, 185, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 185, 190) }
```

Border

The CSS property to change the border of an element to XYZ 58.9563, 55.0736, 56.2381 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(229, 185, 190) }
```


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

```
.border{ border-color:rgb(229, 185, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 185, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 185, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 185, 190);  
box-shadow:4px 4px 4px 4px rgb(229, 185,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9563, 55.0736, 56.2381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 185, 190) }
```

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

```
.background{ background-color: rgb(229,  
185, 190) }
```

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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