

Converting Colors

XYZ(58.7742, 55.1452, 64.8492)

Have a look what the booklet for
XYZ(58.7742, 55.1452, 64.8492)
contains.

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Color

**XYZ(58.5822, 55.0070,
64.6565)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBACC
RGB	222, 186, 204
RGB Percent	87%, 73%, 80%
CMY	0.1294, 0.2706, 0.2000
CMYK	0.00, 0.16, 0.08, 0.13
HSL	330°, 35%, 80%
HSV	330°, 16%, 87%
XYZ	58.5822, 55.0070, 64.6565
YIQ	198.8160, 15.6780, 13.2300

Conversions

Conversions Part 2

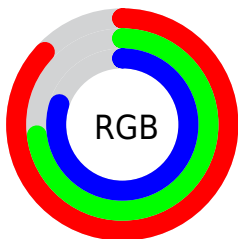
Format	Color
R _Y B	222, 186, 204
Decimal	14596812
CIE Lab	79.05, 15.83, -4.23
CIE LCh	79, 16.391, 345.031
Yxy	55.0070, 0.3287, 0.3086
Android (android.graphics.Color)	4292786892 (0xFFDEBACC)
YUV	198.8160, 2.5557, 20.3324
Hunter-Lab	74.1667, 11.2004, 0.2293

Details

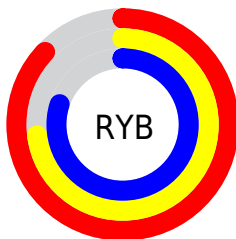
The XYZ color **58.5822, 55.0070, 64.6565** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.2722, 67.0428, 67.0520**, and the grayscale version is **54.1531, 56.9733, 62.0439**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **29.8289, 27.1926, 32.5307** is the 20% darker color. If you saturate the color by 10%, you get **52.9796, 45.8567, 56.4525**, and if you desaturate by 10%, it is **65.0094, 65.6532, 73.6050**.

Distribution



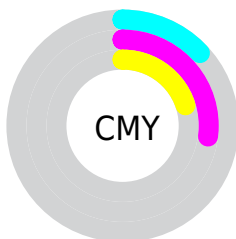
- Red (87%)
- Green (73%)
- Blue (80%)



- Red (87%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5822, 55.0070, 64.6565 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 58.5822, 55.0070, 64.6565 by changing the saturation by 10% instead.

■ 58.5822, 55.0070,
64.6565

■ 58.5822, 55.0070,
64.6565

409.2708,
405.9385, 459.8289

■ 42.5220, 39.4073,
46.7330

■ 101.8883, 97.5512,
113.1644

■ 29.7031, 27.0767,
32.4718

129.8649,
125.2645, 144.5859

■ 19.7603, 17.6309,
21.4543

162.5442,
157.7845, 181.3439

■ 12.3282, 10.6853,
13.2620

200.2918,
195.4956, 223.8568

■ 7.0414, 5.8556,
7.4764

243.4729,
238.7821, 272.5432

■ 3.5346, 2.7575,
3.6788

292.4528,

■ 1.4423, 1.0065,

288.0285, 327.8217

1.4509

347.5970,
343.6192, 390.1107

■ 0.2861, 0.0000,
0.1809

■ 0.0000, 0.0000,
0.0000

■ 58.5822, 55.0070,
64.6565

■ 58.5822, 55.0070,
64.6565

■ 52.9796, 45.8567,
56.4525

■ 65.0094, 65.6532,
73.6050

■ 48.1616, 38.1275,
48.9679

■ 72.2898, 77.8515,
83.3149

■ 44.0915, 31.7487,
42.1812

■ 80.4561, 91.6638,
93.8070

■ 40.7281, 26.6410,
36.0684

■ 82.8910, 93.8523,
102.8843

■ 38.0255, 22.7164,
30.6033

■ 83.9346, 94.2698,
108.3798

■ 35.9324, 19.8757,
25.7577

■ 34.3891, 18.0031,
21.5001

■ 33.3213, 16.9544,
17.7936

■ 32.9932, 16.6772,
16.5157

Harmonies

Analogous

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



56.8490, 55.0070, 73.5137



58.5822, 55.0070, 64.6565



58.5803, 55.0070, 55.3524

Triad

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



58.5822, 55.0070, 64.6565



50.6719, 55.0070, 44.1588



47.9718, 55.0070, 73.5292

Complementary

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



58.5822, 55.0070, 64.6565



57.2722, 67.0428, 67.0520

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.



46.4530, 55.0070, 64.6760



58.5822, 55.0070, 64.6565



47.9673, 55.0070, 48.0686

Square

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



58.5822, 55.0070, 64.6565



53.9203, 55.0070, 44.1548



46.4514, 55.0070, 55.3699



50.6783, 55.0070, 78.9871

Rectangle

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



58.5822, 55.0070, 64.6565



57.5912, 55.0070, 50.1580



46.4514, 55.0070, 55.3699



47.3105, 55.0070, 70.8131

Sweetspot

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



58.5838, 55.0094, 64.6577



90.1069, 91.7293, 102.2720



55.6477, 53.2318, 76.4499



19.1430, 19.3944, 21.6956



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.



58.5838, 55.0094, 64.6577



77.8356, 71.4246, 85.1168



56.5480, 54.1951, 53.9375



13.9916, 13.8143, 15.7259



19.6532, 9.9283, 10.1055



1.4074, 0.7063, 0.9385

Inverse Universe

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



58.5838, 55.0094, 64.6577



77.8356, 71.4246, 85.1168



59.5575, 67.9569, 79.0861



13.9916, 13.8143, 15.7259



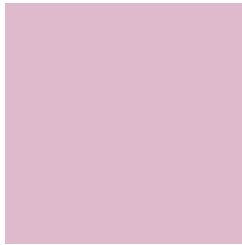
19.6532, 9.9283, 10.1055



1.4074, 0.7063, 0.9385

Previews

White Background



This preview shows how the XYZ color 58.5822, 55.0070, 64.6565 looks on a white background.

Color Contrast Check

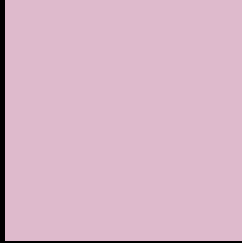
Large Text (above 18pt) WCAG AA × Fail

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 58.5822, 55.0070, 64.6565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

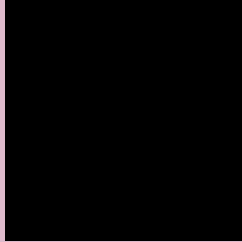
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5822, 55.0070, 64.6565

Background



This preview shows how black text looks on a background with the XYZ color 58.5822, 55.0070, 64.6565.



This preview shows how white text looks on a background with the XYZ color 58.5822, 55.0070,

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

58.5822, 55.0070, 64.6565

Protanopia

53.7887, 55.3694, 68.1740

Deuteranopia

56.3443, 55.1358, 64.1725



Tritanopia

58.2257, 54.8645, 62.7794

Trichromacy



Original Color

58.5822, 55.0070, 64.6565

Protanomaly

55.2890, 55.1834, 66.7689

Deuteranomaly

57.2960, 55.3059, 64.1552

Tritanomaly

58.3438, 54.9117, 63.4011

Monochromacy



Original Color

58.5822, 55.0070, 64.6565

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.5665, 56.0660, 63.1515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5822, 55.0070, 64.6565 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(222, 186, 204)` looks like.

```
.text, #text, p{  
    color:rgb(222, 186, 204)  
}
```

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(222, 186, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 186, 204) }
```

Border

The CSS property to change the border of an element to XYZ 58.5822, 55.0070, 64.6565 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(222, 186, 204) }
```


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

```
.border{ border-color:rgb(222, 186, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 186, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 186, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 186, 204);  
box-shadow:4px 4px 4px 4px rgb(222, 186,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5822, 55.0070, 64.6565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 186, 204) }
```

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

```
.background{ background-color: rgb(222,  
186, 204) }
```

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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