

Converting Colors

XYZ(58.6607, 55.4611, 63.6282)

Have a look what the booklet for
XYZ(58.6607, 55.4611, 63.6282)
contains.

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Color

**XYZ(58.5552, 55.3345,
63.4716)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBBCA
RGB	222, 187, 202
RGB Percent	87%, 73%, 79%
CMY	0.1294, 0.2666, 0.2078
CMYK	0.00, 0.16, 0.09, 0.13
HSL	334°, 35%, 80%
HSV	334°, 16%, 87%
XYZ	58.5552, 55.3345, 63.4716
YIQ	199.1750, 16.0450, 12.0850

Conversions

Conversions Part 2

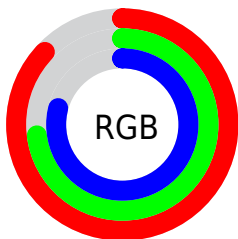
Format	Color
R _Y B	222, 187, 202
Decimal	14597066
CIE Lab	79.23, 14.96, -2.88
CIE LCh	79, 15.232, 349.116
Yxy	55.3345, 0.3301, 0.3120
Android (android.graphics.Color)	4292787146 (0xFFDEBBCA)
YUV	199.1750, 1.3927, 20.0175
Hunter-Lab	74.3872, 10.3320, 1.4812

Details

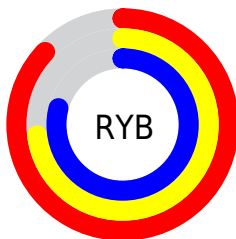
The XYZ color **58.5552, 55.3345, 63.4716** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.8794, 67.3138, 68.9769**, and the grayscale version is **54.3794, 57.2113, 62.3031**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **29.8067, 27.4038, 31.7355** is the 20% darker color. If you saturate the color by 10%, you get **52.7640, 46.0576, 54.4322**, and if you desaturate by 10%, it is **65.2011, 66.1218, 73.4066**.

Distribution



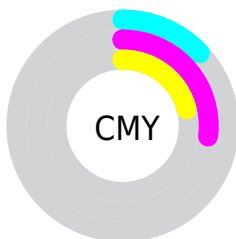
- Red (87%)
- Green (73%)
- Blue (79%)



- Red (87%)
- Yellow (73%)
- Blue (79%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5552, 55.3345, 63.4716 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 58.5552, 55.3345, 63.4716 by changing the saturation by 10% instead.

■ 58.5552, 55.3345,
63.4716

■ 58.5552, 55.3345,
63.4716

409.1722,
407.1787, 455.4340

■ 42.5001, 39.6696,
45.7794

■ 101.8492, 98.0309,
111.4417

■ 29.6859, 27.2810,
31.7244

129.8190,
125.8311, 142.5567

■ 19.7472, 17.7844,
20.8880

162.4909,
158.4453, 178.9831

■ 12.3186, 10.7953,
12.8517

200.2305,
196.2578, 221.1393

■ 7.0348, 5.9294,
7.1970

243.4031,
239.6530, 269.4440

■ 3.5304, 2.8022,
3.5053

292.3740,

■ 1.4401, 1.0293,

289.0152, 324.3156

1.3581

347.5085,
344.7290, 386.1728

■ 0.2845, 0.0000,
0.1087

■ 0.0000, 0.0000,
0.0000

■ 58.5552, 55.3345,
63.4716

■ 58.5552, 55.3345,
63.4716

■ 52.7640, 46.0576,
54.4322

■ 65.2011, 66.1218,
73.4066

■ 47.7865, 38.2158,
46.2582

■ 72.7311, 78.4756,
84.2591

■ 43.5852, 31.7385,
38.9225

■ 81.1788, 92.4583,
96.0545

■ 40.1179, 26.5461,
32.3955

■ 83.5743, 94.1257,
106.4828

■ 37.3378, 22.5507,
26.6449

■ 83.9345, 94.2698,
108.3798

■ 35.1927, 19.6532,
21.6363

■ 33.6219, 17.7382,
17.3312

■ 32.5514, 16.6638,
13.6858

■ 32.1960, 16.3584,
12.3181

Harmonies

Analogous

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



57.1455, 55.3345, 71.9044



58.5552, 55.3345, 63.4716



58.3218, 55.3345, 54.9239

Triad

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



58.5552, 55.3345, 63.4716



50.6997, 55.3345, 45.7552



48.8541, 55.3345, 73.8365

Complementary

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



58.5552, 55.3345, 63.4716



57.8794, 67.3138, 68.9769

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.



47.2536, 55.3345, 65.9095



58.5552, 55.3345, 63.4716



48.2904, 55.3345, 49.9280

Square

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



58.5552, 55.3345, 63.4716



53.7070, 55.3345, 45.2385



47.0514, 55.3345, 57.1390



51.4960, 55.3345, 78.2612

Rectangle

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



58.5552, 55.3345, 63.4716



57.2683, 55.3345, 50.2784



47.0514, 55.3345, 57.1390



48.1808, 55.3345, 71.4595

Sweetspot

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



58.5568, 55.3370, 63.4728



89.9654, 91.6727, 101.5270



56.6428, 54.0587, 76.5569



19.1087, 19.3807, 21.5147



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.



58.5568, 55.3370, 63.4728



77.3521, 71.2312, 82.5707



57.3652, 55.6587, 54.7364



13.9498, 13.7976, 15.5059



19.1768, 9.7377, 7.5969



1.3734, 0.6926, 0.7592

Inverse Universe

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



58.5568, 55.3370, 63.4728



77.3521, 71.2312, 82.5707



59.1859, 66.8517, 78.8922



13.9498, 13.7976, 15.5059



19.1768, 9.7377, 7.5969



1.3734, 0.6926, 0.7592

Previews

White Background



This preview shows how the XYZ color 58.5552, 55.3345, 63.4716 looks on a white background.

Color Contrast Check

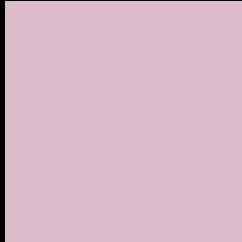
Large Text (above 18pt) WCAG AA × Fail

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 58.5552, 55.3345, 63.4716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

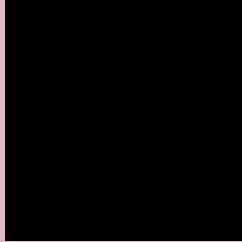
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5552, 55.3345, 63.4716

Background



This preview shows how black text looks on a background with the XYZ color 58.5552, 55.3345, 63.4716.



This preview shows how white text looks on a background with the XYZ color 58.5552, 55.3345,

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

58.5552, 55.3345, 63.4716

Protanopia

53.8035, 55.4055, 66.8901

Deuteranopia

56.3966, 55.1901, 62.9387



Tritanopia

58.5552, 55.3345, 63.4716

Trichromacy



Original Color

58.5552, 55.3345, 63.4716

Protanomaly

55.3227, 55.2289, 65.5020

Deuteranomaly

57.0591, 55.2112, 62.9078

Tritanomaly

58.5552, 55.3345, 63.4716

Monochromacy



Original Color

58.5552, 55.3345, 63.4716

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.6726, 56.4657, 62.6083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5552, 55.3345, 63.4716 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, 187, 202)` looks like.

```
.text, #text, p{  
    color:rgb(222, 187, 202)  
}
```

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, 187, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 187, 202) }
```

Border

The CSS property to change the border of an element to XYZ 58.5552, 55.3345, 63.4716 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, 187, 202) }
```


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

```
.border{ border-color:rgb(222, 187, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 187, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 187, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 187, 202);  
box-shadow:4px 4px 4px 4px rgb(222, 187,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5552, 55.3345, 63.4716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 187, 202) }
```

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

```
.background{ background-color: rgb(222,  
187, 202) }
```

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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