

Converting Colors

XYZ(57.2456, 58.7092, 63.5732)

Have a look what the booklet for
XYZ(57.2456, 58.7092, 63.5732)
contains.

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Color

**XYZ(57.2605, 58.6192,
63.5550)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C7C9
RGB	209, 199, 201
RGB Percent	82%, 78%, 79%
CMY	0.1804, 0.2196, 0.2118
CMYK	0.00, 0.05, 0.04, 0.18
HSL	348°, 10%, 80%
HSV	348°, 5%, 82%
XYZ	57.2605, 58.6192, 63.5550
YIQ	202.2180, 5.3180, 2.7420

Conversions

Conversions Part 2

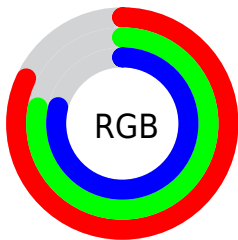
Format	Color
R _Y B	209, 199, 201
Decimal	13748169
CIE Lab	81.08, 3.83, 0.24
CIE LCh	81, 3.839, 3.547
Yxy	58.6192, 0.3191, 0.3267
Android (android.graphics.Color)	4291938249 (0xFFD1C7C9)
YUV	202.2180, -0.6005, 5.9478
Hunter-Lab	76.5632, -0.4880, 4.3777

Details

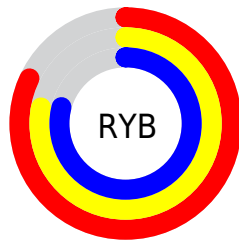
The XYZ color **57.2605, 58.6192, 63.5550** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6183, 62.2495, 68.0131**, and the grayscale version is **56.2778, 59.2086, 64.4782**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.9094, 29.3259, 31.7405** is the 20% darker color. If you saturate the color by 10%, you get **50.9167, 48.9103, 52.2558**, and if you desaturate by 10%, it is **64.4824, 69.7398, 76.2054**.

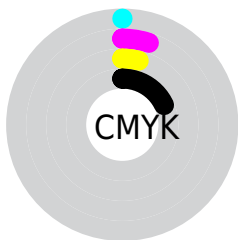
Distribution



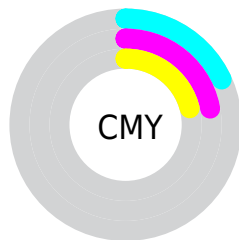
- Red (82%)
- Green (78%)
- Blue (79%)



- Red (82%)
- Yellow (78%)
- Blue (79%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2605, 58.6192, 63.5550 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 57.2605, 58.6192, 63.5550 by changing the saturation by 10% instead.

■ 57.2605, 58.6192,
63.5550

■ 57.2605, 58.6192,
63.5550

404.4231,
419.4893, 455.7442

■ 41.4554, 42.3067,
45.8465

99.9744, 102.8240,
111.5631

■ 28.8643, 29.3415,
31.7769

127.6138,
131.4851, 142.6998

■ 19.1220, 19.3393,
20.9277

159.9287,
165.0311, 179.1495

■ 11.8630, 11.9157,
12.8805

197.2845,
203.8464, 221.3310

■ 6.7220, 6.6863,
7.2165

240.0465,
248.3155, 269.6626

■ 3.3336, 3.2667,
3.5174

288.5800,

■ 1.3325, 1.2725,

298.8228, 324.5630

1.3645

343.2504,
355.7526, 386.4507

■ 0.2074, 0.1198,
0.1138

■ 0.0000, 0.0000,
0.0000

■ 57.2605, 58.6192,
63.5550

■ 57.2605, 58.6192,
63.5550

■ 50.9167, 48.9103,
52.2558

■ 64.4824, 69.7398,
76.2054

■ 45.4124, 40.5492,
42.2592

■ 72.6090, 82.3174,
90.2460

■ 40.7135, 33.4784,
33.5190

■ 79.4957, 92.0518,
104.9933

■ 36.7816, 27.6334,
25.9849

■ 80.1048, 92.2955,
108.2006

■ 33.5752, 22.9440,
19.6032

■ 31.0488, 19.3330,
14.3160

■ 29.1515, 16.7136,
10.0604

■ 27.8250, 14.9855,
6.7665

■ 26.9992, 14.0269,
4.3551

Harmonies

Analogous

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



57.1001, 58.6192, 65.8029



57.2605, 58.6192, 63.5550



57.0037, 58.6192, 61.4298

Triad

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



57.2605, 58.6192, 63.5550



54.8726, 58.6192, 60.2354



55.0354, 58.6192, 67.8399

Complementary

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



57.2605, 58.6192, 63.5550



57.6183, 62.2495, 68.0131

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.



54.4474, 58.6192, 66.2844



57.2605, 58.6192, 63.5550



54.3540, 58.6192, 61.8898

Square

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



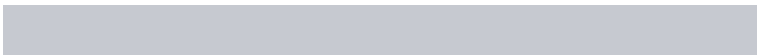
57.2605, 58.6192, 63.5550



55.6210, 58.6192, 59.5423



54.1991, 58.6192, 64.0985



55.8107, 58.6192, 68.3111

Rectangle

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



57.2605, 58.6192, 63.5550



56.6320, 58.6192, 60.3584



54.1991, 58.6192, 64.0985



54.8095, 58.6192, 67.4247

Sweetspot

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



57.2622, 58.6217, 63.5563



93.9150, 98.2530, 106.9094



57.6660, 58.7183, 68.6167



20.1136, 21.0486, 22.9040



0.0000, 0.0000, 0.0000



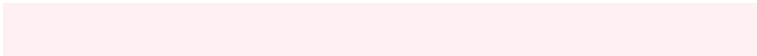
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.2622, 58.6217, 63.5563



88.4526, 89.8600, 97.2834



57.7256, 59.9221, 62.5596



12.3066, 12.4633, 13.4846



16.4956, 8.4711, 2.2498



0.9511, 0.4852, 0.2775

Inverse Universe

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



57.2622, 58.6217, 63.5563



88.4526, 89.8600, 97.2834



57.1351, 60.8900, 69.0639



12.3066, 12.4633, 13.4846



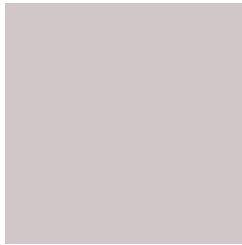
16.4956, 8.4711, 2.2498



0.9511, 0.4852, 0.2775

Previews

White Background



This preview shows how the XYZ color 57.2605, 58.6192, 63.5550 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 57.2605, 58.6192, 63.5550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

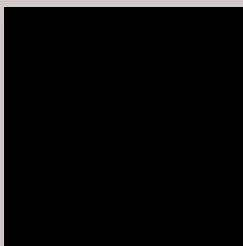
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

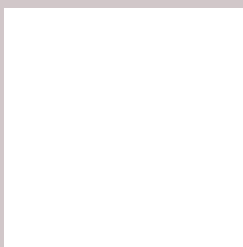
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2605, 58.6192, 63.5550

Background



This preview shows how black text looks on a background with the XYZ color 57.2605, 58.6192, 63.5550.

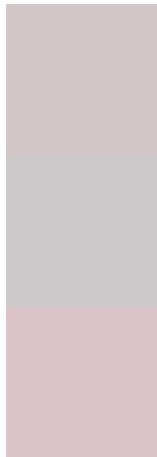


This preview shows how white text looks on a background with the XYZ color 57.2605, 58.6192,

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

57.2605, 58.6192, 63.5550

Protanopia

56.4918, 58.5520, 64.2013

Deuteranopia

59.6910, 58.5101, 64.0246



Tritanopia

58.8405, 58.5855, 71.1577

Trichromacy



Original Color

57.2605, 58.6192, 63.5550

Protanomaly

56.7685, 58.6946, 64.2143

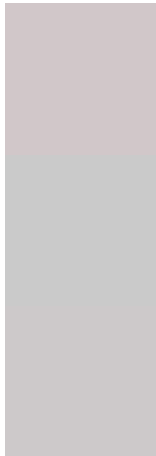
Deuteranomaly

58.7195, 58.3431, 64.0436

Tritanomaly

58.2810, 58.6933, 68.5788

Monochromacy



Original Color

57.2605, 58.6192, 63.5550

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.7242, 59.0167, 64.2788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2605, 58.6192, 63.5550 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(209, 199, 201) looks like.

```
.text, #text, p{  
    color:rgb(209, 199, 201)  
}
```

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(209, 199, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 199, 201) }
```

Border

The CSS property to change the border of an element to XYZ 57.2605, 58.6192, 63.5550 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(209, 199, 201) }
```


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

```
.border{ border-color:rgb(209, 199, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 199, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 199, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 199, 201);  
box-shadow:4px 4px 4px 4px rgb(209, 199,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2605, 58.6192, 63.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 199, 201) }
```

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

```
.background{ background-color: rgb(209,  
199, 201) }
```

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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