

Converting Colors

XYZ(55.6045, 57.7671, 62.4136)

Have a look what the booklet for
XYZ(55.6045, 57.7671, 62.4136)
contains.

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Color

**XYZ(55.6341, 57.8077,
62.2586)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC7C7
RGB	204, 199, 199
RGB Percent	80%, 78%, 78%
CMY	0.2000, 0.2196, 0.2196
CMYK	0.00, 0.02, 0.02, 0.20
HSL	0°, 5%, 79%
HSV	0°, 2%, 80%
XYZ	55.6341, 57.8077, 62.2586
YIQ	200.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

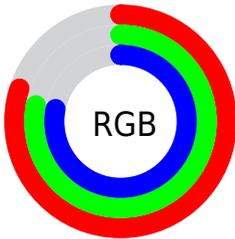
Format	Color
RYB	204, 199, 199
Decimal	13420487
CIELab	80.63, 1.74, 0.61
CIELCh	81, 1.838, 19.245
Yxy	57.8077, 0.3166, 0.3290
Android (android.graphics.Color)	4291610567 (0xFFCCC7C7)
YUV	200.4950, -0.7370, 3.0739
Hunter-Lab	76.0314, -2.4419, 4.6721

Details

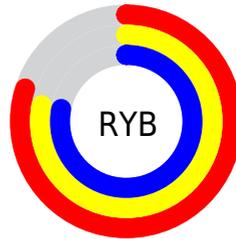
The XYZ color **55.6341, 57.8077, 62.2586** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0453, 59.6869, 65.6945**, and the grayscale version is **55.2094, 58.0846, 63.2542**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.8139, 28.7792, 30.8770** is the 20% darker color. If you saturate the color by 10%, you get **49.0423, 48.1635, 49.1484**, and if you desaturate by 10%, it is **63.1751, 68.8407, 77.2532**.

Distribution



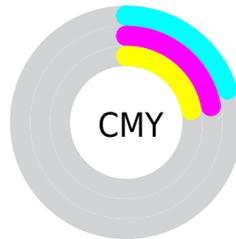
- Red (80%)
- Green (78%)
- Blue (78%)



- Red (80%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (20%)



- Cyan (20%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6341, 57.8077, 62.2586 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 55.6341, 57.8077, 62.2586 by changing the saturation by 10% instead.

■ 55.6341, 57.8077,
62.2586

■ 55.6341, 57.8077,
62.2586

398.4085,
416.4690, 450.9074

■ 40.1455, 41.6541,
44.8045

97.6123, 101.6428,
109.6744

■ 27.8367, 28.8305,
30.9617

124.8326,
130.0930, 140.4733

■ 18.3424, 18.9526,
20.3114

156.6942,
163.4109, 176.5574

■ 11.2973, 11.6361,
12.4353

193.5624,
201.9808, 218.3455

■ 6.3359, 6.4964,
6.9148

235.8026,
246.1872, 266.2560

■ 3.0930, 3.1492,
3.3312

283.7801,

■ 1.2031, 1.2101,

296.4144, 320.7075

1.2661

337.8603,
353.0469, 382.1184

■ 0.1088, 0.0699,
0.0338

■ 0.0000, 0.0000,
0.0000

■ 55.6341, 57.8077,
62.2586

■ 55.6341, 57.8077,
62.2586

■ 49.0423, 48.1635,
49.1484

■ 63.1751, 68.8407,
77.2532

■ 43.3576, 39.8460,
37.8444

■ 71.6957, 81.3065,
94.1987

■ 38.5416, 32.7994,
28.2688

■ 78.7123, 91.5776,
108.1354

■ 34.5516, 26.9611,
20.3364

■ 31.3413, 22.2634,
13.9548

■ 28.8597, 18.6316,
9.0226

■ 27.0497, 15.9825,
5.4264

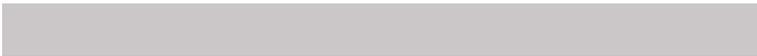
■ 25.8459, 14.2202,
3.0357

■ 25.1697, 13.2299,
1.6941

Harmonies

Analogous

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



55.6622, 57.8077, 63.3323



55.6341, 57.8077, 62.2586



55.4207, 57.8077, 61.3779

Triad

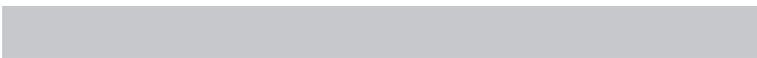
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.6341, 57.8077, 62.2586



54.3953, 57.8077, 61.5926



54.8089, 57.8077, 65.0116

Complementary

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



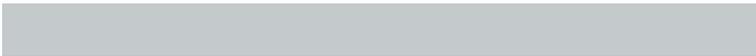
55.6341, 57.8077, 62.2586



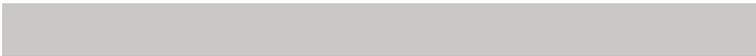
56.0453, 59.6869, 65.6945

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.



54.4710, 57.8077, 64.5340



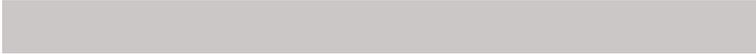
55.6341, 57.8077, 62.2586



54.2330, 57.8077, 62.5548

Square

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



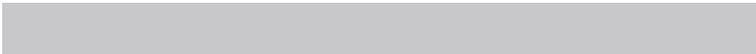
55.6341, 57.8077, 62.2586



54.7051, 57.8077, 60.9964



54.2606, 57.8077, 63.6319



55.1846, 57.8077, 64.9301

Rectangle

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



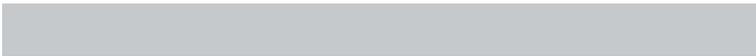
55.6341, 57.8077, 62.2586



55.2027, 57.8077, 61.0148



54.2606, 57.8077, 63.6319



54.6871, 57.8077, 64.9110

Sweetspot

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



55.6357, 57.8102, 62.2599



93.8345, 98.2217, 106.4829



56.2253, 58.0448, 65.3681



20.0973, 21.0422, 22.8172



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.



55.6357, 57.8102, 62.2599



91.4520, 94.7360, 101.7450



56.2150, 58.9686, 62.4529



12.0408, 12.4260, 13.2993



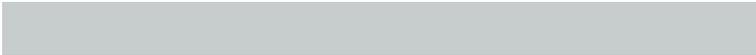
15.6747, 8.0824, 0.7339



0.8089, 0.4174, 0.0379

Inverse Universe

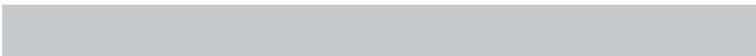
The Inverse Universe completely reimagines the original color for something new.



56.0453, 59.6869, 65.6945



92.2897, 98.5746, 108.7704



55.4566, 58.5095, 65.4983



12.1778, 13.0537, 14.4482



20.4308, 29.8855, 40.6479



1.0542, 1.5422, 2.0970

Previews

White Background



This preview shows how the XYZ color 55.6341, 57.8077, 62.2586 looks on a white background.

Color Contrast Check

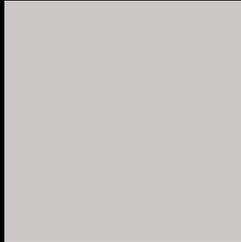
Large Text (above 18pt) WCAG AA × Fail

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 55.6341, 57.8077, 62.2586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

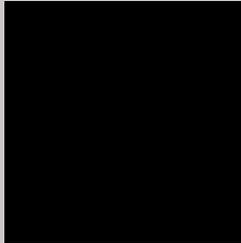
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

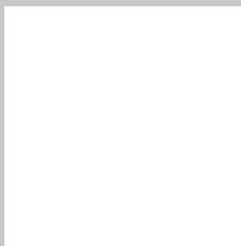
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6341, 57.8077, 62.2586

Background



This preview shows how black text looks on a background with the XYZ color 55.6341, 57.8077, 62.2586.



This preview shows how white text looks on a background with the XYZ color 55.6341, 57.8077,

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

55.6341, 57.8077, 62.2586

Protanopia

55.6341, 57.8077, 62.2586

Deuteranopia

58.9305, 57.8138, 62.6968



Tritanopia

57.3035, 57.8078, 70.4252

Trichromacy



Original Color

55.6341, 57.8077, 62.2586

Protanomaly

55.6341, 57.8077, 62.2586

Deuteranomaly

57.8968, 57.9461, 62.7768

Tritanomaly

56.6334, 57.8723, 67.2171

Monochromacy



Original Color

55.6341, 57.8077, 62.2586

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.1670, 57.8962, 62.9111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6341, 57.8077, 62.2586 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(204, 199, 199) looks like.

```
.text, #text, p{  
    color:rgb(204, 199, 199)  
}
```

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(204, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 199, 199) }
```

Border

The CSS property to change the border of an element to XYZ 55.6341, 57.8077, 62.2586 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(204, 199, 199) }
```

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

```
.border{ border-color:rgb(204, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(204, 199,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6341, 57.8077, 62.2586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 199, 199) }
```

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

```
.background{ background-color: rgb(204,  
199, 199) }
```

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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