

Converting Colors

XYZ(55.6515, 58.7835, 62.2233)

Have a look what the booklet for
XYZ(55.6515, 58.7835, 62.2233)
contains.

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Color

**XYZ(55.7865, 58.9211,
62.4655)**

Conversions

Conversions Part 1

Format	Color
Hex	CACAC7
RGB	202, 202, 199
RGB Percent	79%, 79%, 78%
CMY	0.2078, 0.2078, 0.2196
CMYK	0.00, 0.00, 0.01, 0.21
HSL	60°, 3%, 79%
HSV	60°, 1%, 79%
XYZ	55.7865, 58.9211, 62.4655
YIQ	201.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

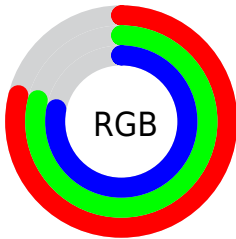
Format	Color
R _{YB}	199, 202, 199
Decimal	13290183
CIE Lab	81.25, -0.54, 1.49
CIE LCh	81, 1.580, 109.990
Yxy	58.9211, 0.3149, 0.3326
Android (android.graphics.Color)	4291480263 (0xFFCACAC7)
YUV	201.6580, -1.3104, 0.2999
Hunter-Lab	76.7601, -4.6027, 5.4833

Details

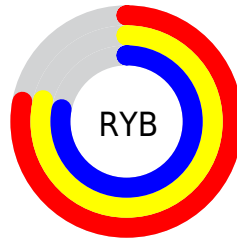
The XYZ color **55.7865, 58.9211, 62.4655** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6394, 57.2548, 64.0515**, and the grayscale version is **55.9349, 58.8478, 64.0853**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.9135, 29.5200, 31.0148** is the 20% darker color. If you saturate the color by 10%, you get **53.5900, 58.0437, 50.9214**, and if you desaturate by 10%, it is **58.2977, 59.9281, 75.6520**.

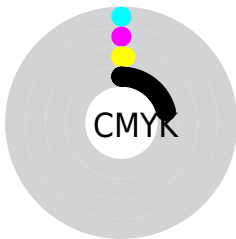
Distribution



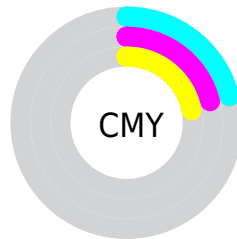
- Red (79%)
- Green (79%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7865, 58.9211, 62.4655 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 55.7865, 58.9211, 62.4655 by changing the saturation by 10% instead.

■ 55.7865, 58.9211,
62.4655

■ 55.7865, 58.9211,
62.4655

398.9745,
420.6095, 451.6815

■ 40.2681, 42.5496,
44.9707

97.8340, 103.2630,
109.9761

■ 27.9328, 29.5319,
31.0916

125.0938,
132.0022, 140.8291

■ 18.4152, 19.4836,
20.4095

156.9980,
165.6327, 176.9718

■ 11.3500, 12.0202,
12.5061

193.9122,
204.5390, 218.8229

■ 6.3718, 6.7574,
6.9626

236.2016,
249.1054, 266.8009

■ 3.1152, 3.3109,
3.3606

284.2315,

■ 1.2150, 1.2961,

299.7164, 321.3243

1.2816

338.3673,
356.7562, 382.8116

■ 0.1182, 0.1382,
0.0466

■ 0.0000, 0.0000,
0.0000

■ 55.7865, 58.9211,
62.4655

■ 55.7865, 58.9211,
62.4655

■ 53.5900, 58.0437,
50.9214

■ 58.2977, 59.9281,
75.6520

■ 51.6912, 57.2835,
40.9518

■ 61.1301, 61.0617,
90.5376

■ 50.0785, 56.6378,
32.4897

■ 63.5463, 62.0289,
103.2313

■ 48.7382, 56.1010,
25.4616

■ 63.5520, 62.0318,
103.2315

47.6552, 55.6672,
19.7882

63.5578, 62.0348,
103.2318

46.8129, 55.3296,
15.3823

63.5635, 62.0377,
103.2321

46.1928, 55.0809,
12.1467

63.5692, 62.0407,
103.2323

45.7737, 54.9126,
9.9698

63.5749, 62.0436,
103.2326

45.5305, 54.8147,
8.7190

63.5806, 62.0466,
103.2329

Harmonies

Analogous

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



56.1129, 58.9211, 62.3853



55.7865, 58.9211, 62.4655



55.5190, 58.9211, 62.9959

Triad

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



55.7865, 58.9211, 62.4655



55.5965, 58.9211, 65.5544



56.6288, 58.9211, 64.4709

Complementary

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



55.7865, 58.9211, 62.4655



54.6394, 57.2548, 64.0515

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.



56.4893, 58.9211, 65.3283



55.7865, 58.9211, 62.4655



55.8927, 58.9211, 65.9580

Square

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



55.7865, 58.9211, 62.4655



55.4096, 58.9211, 64.7771



56.2195, 58.9211, 65.8748



56.6001, 58.9211, 63.5370

Rectangle

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



55.7865, 58.9211, 62.4655



55.4097, 58.9211, 63.5364



56.2195, 58.9211, 65.8748



56.6000, 58.9211, 64.7778

Sweetspot

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



55.7882, 58.9236, 62.4668

95.0500, 100.0000, 108.9000



55.0911, 57.5283, 62.2342



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



55.7882, 58.9236, 62.4668



94.2377, 99.6748, 104.6326



55.3846, 58.7156, 62.4479



12.5289, 13.2467, 13.9430



29.2281, 35.2430, 5.2621



1.5082, 1.8183, 0.2715

Inverse Universe

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



54.6394, 57.2548, 64.0515



91.5950, 95.8356, 108.2783



55.0390, 57.4608, 64.0702



12.2030, 12.7731, 14.3927



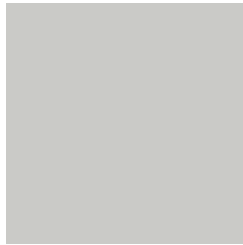
6.8622, 2.7451, 36.1245



0.3544, 0.1418, 1.8636

Previews

White Background



This preview shows how the XYZ color 55.7865, 58.9211, 62.4655 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 55.7865, 58.9211, 62.4655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

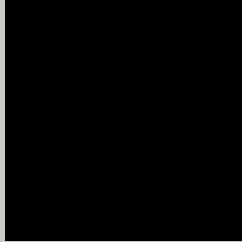
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

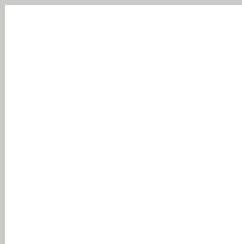
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7865, 58.9211, 62.4655

Background



This preview shows how black text looks on a background with the XYZ color 55.7865, 58.9211, 62.4655.



This preview shows how white text looks on a background with the XYZ color 55.7865, 58.9211, 62.4655.

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

55.7865, 58.9211, 62.4655

Protanopia

56.5333, 58.9723, 61.8293

Deuteranopia

60.0646, 58.7299, 62.8138



Tritanopia

57.8219, 59.0522, 72.6407

Trichromacy



Original Color

55.7865, 58.9211, 62.4655

Protanomaly

56.2565, 58.8296, 61.8163

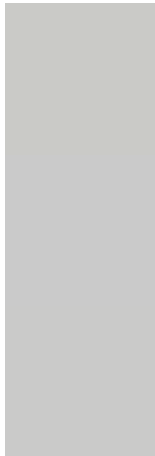
Deuteranomaly

58.6437, 59.0054, 62.9419

Tritanomaly

57.0239, 59.0732, 68.7184

Monochromacy



Original Color

55.7865, 58.9211, 62.4655

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.0203, 59.0147, 63.6967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7865, 58.9211, 62.4655 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(202, 202, 199)` looks like.

```
.text, #text, p{  
    color:rgb(202, 202, 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(202, 202, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 202, 199) }
```

Border

The CSS property to change the border of an element to XYZ 55.7865, 58.9211, 62.4655 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(202, 202, 199) }
```

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

```
.border{ border-color:rgb(202, 202, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 202, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 202, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 202, 199); box-shadow:4px 4px 4px 4px rgb(202, 202, 199) }
```


Background

The CSS property to change the background color of an element to XYZ 55.7865, 58.9211, 62.4655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 202, 199) }
```

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

```
.background{ background-color: rgb(202,  
202, 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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