

Converting Colors

XYZ(55.9988, 57.7633, 62.1011)

Have a look what the booklet for
XYZ(55.9988, 57.7633, 62.1011)
contains.

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Color

**XYZ(55.9565, 57.6335,
62.2080)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC6C7
RGB	206, 198, 199
RGB Percent	81%, 78%, 78%
CMY	0.1922, 0.2235, 0.2196
CMYK	0.00, 0.04, 0.03, 0.19
HSL	353°, 8%, 79%
HSV	353°, 4%, 81%
XYZ	55.9565, 57.6335, 62.2080
YIQ	200.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

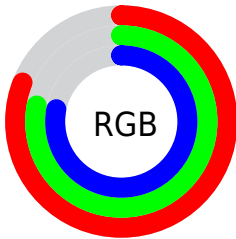
Format	Color
R_{YB}	206, 198, 199
Decimal	13551303
CIE Lab	80.53, 2.96, 0.48
CIE LCh	81, 3.000, 9.272
Yxy	57.6335, 0.3183, 0.3278
Android (android.graphics.Color)	4291741383 (0xFFCEC6C7)
YUV	200.5060, -0.7425, 4.8182
Hunter-Lab	75.9167, -1.2860, 4.5581

Details

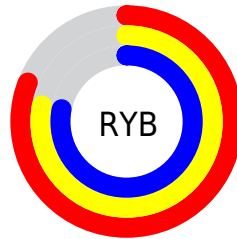
The XYZ color **55.9565, 57.6335, 62.2080** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3816, 60.5577, 66.4778**, and the grayscale version is **55.2156, 58.0911, 63.2613**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.0330, 28.6663, 30.8437** is the 20% darker color. If you saturate the color by 10%, you get **49.5934, 48.0613, 50.3620**, and if you desaturate by 10%, it is **63.2114, 68.5907, 75.5768**.

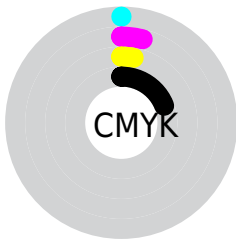
Distribution



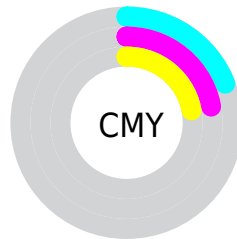
- Red (81%)
- Green (78%)
- Blue (78%)



- Red (81%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9565, 57.6335, 62.2080 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 55.9565, 57.6335, 62.2080 by changing the saturation by 10% instead.

■ 55.9565, 57.6335,
62.2080

■ 55.9565, 57.6335,
62.2080

399.6052,
415.8189, 450.7180

■ 40.4049, 41.5141,
44.7639

98.0812, 101.3890,
109.6006

■ 28.0400, 28.7210,
30.9299

125.3849,
129.7938, 140.3862

■ 18.4964, 18.8699,
20.2875

157.3368,
163.0625, 176.4561

■ 11.4088, 11.5763,
12.4180

194.3021,
201.5796, 218.2287

■ 6.4118, 6.4559,
6.9031

236.6463,
245.7294, 266.1227

■ 3.1401, 3.1242,
3.3240

284.7346,

■ 1.2283, 1.1969,

295.8962, 320.5565

1.2624

338.9325,
352.4646, 381.9488

■ 0.1285, 0.0592,
0.0307

■ 0.0000, 0.0000,
0.0000

■ 55.9565, 57.6335,
62.2080

■ 55.9565, 57.6335,
62.2080

■ 49.5934, 48.0613,
50.3620

■ 63.2114, 68.5907,
75.5768

■ 44.0830, 39.8119,
39.9811

■ 71.3857, 80.9773,
90.5160

■ 39.3903, 32.8293,
31.0093

■ 78.9596, 91.7402,
106.5583

■ 35.4761, 27.0507,
23.3857

■ 79.2640, 91.8620,
108.1612

■ 32.2981, 22.4078,
17.0448

■ 29.8097, 18.8256,
11.9158

■ 27.9590, 16.2201,
7.9207

■ 26.6868, 14.4944,
4.9727

■ 25.9222, 13.5315,
2.9717

Harmonies

Analogous

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



55.8944, 57.6335, 63.9617



55.9565, 57.6335, 62.2080



55.7012, 57.6335, 60.6297

Triad

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



55.9565, 57.6335, 62.2080



54.0324, 57.6335, 60.1629



54.3607, 57.6335, 65.9802

Complementary

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



55.9565, 57.6335, 62.2080



56.3816, 60.5577, 66.4778

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.



53.8669, 57.6335, 64.9254



55.9565, 57.6335, 62.2080



53.6783, 57.6335, 61.5598

Square

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



55.9565, 57.6335, 62.2080



54.5883, 57.6335, 59.4637



53.6180, 57.6335, 63.3013



54.9700, 57.6335, 66.1616

Rectangle

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



55.9565, 57.6335, 62.2080



55.3865, 57.6335, 59.8814



53.6180, 57.6335, 63.3013



54.1758, 57.6335, 65.7151

Sweetspot

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



55.9581, 57.6360, 62.2092



93.8845, 98.2408, 106.7488



56.4949, 57.8166, 66.5754



20.1074, 21.0461, 22.8713



0.0000, 0.0000, 0.0000



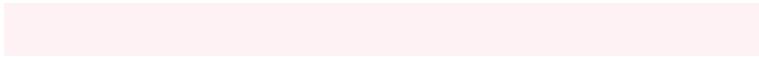
20.3446, 21.4041, 23.3091

Same Dimension

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



55.9581, 57.6360, 62.2092



89.3713, 91.4351, 98.3981



56.5195, 58.9433, 61.8274



11.7925, 12.0251, 12.9216



15.8057, 8.1329, 1.4296



0.8347, 0.4273, 0.1754

Inverse Universe

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



55.9581, 57.6360, 62.2092



89.3713, 91.4351, 98.3981



55.8030, 59.2073, 66.8803



11.7925, 12.0251, 12.9216



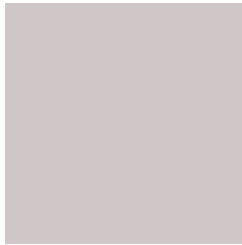
15.8057, 8.1329, 1.4296



0.8347, 0.4273, 0.1754

Previews

White Background



This preview shows how the XYZ color 55.9565, 57.6335, 62.2080 looks on a white background.

Color Contrast Check

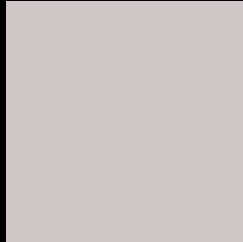
Large Text (above 18pt) WCAG AA × Fail

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 55.9565, 57.6335, 62.2080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

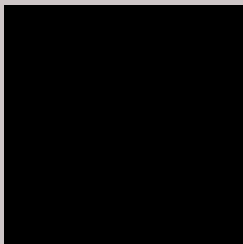
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

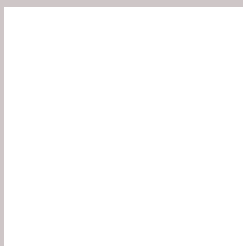
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9565, 57.6335, 62.2080

Background



This preview shows how black text looks on a background with the XYZ color 55.9565, 57.6335, 62.2080.

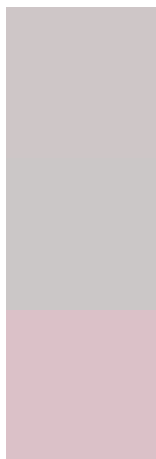


This preview shows how white text looks on a background with the XYZ color 55.9565, 57.6335,

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

55.9565, 57.6335, 62.2080

Protanopia

55.3608, 57.6669, 62.2458

Deuteranopia

58.7087, 57.3701, 62.6228



Tritanopia

57.6360, 57.6432, 70.3759

Trichromacy



Original Color

55.9565, 57.6335, 62.2080

Protanomaly

55.6341, 57.8077, 62.2586

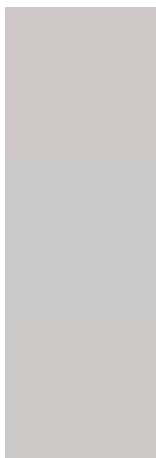
Deuteranomaly

57.6720, 57.4965, 62.7019

Tritanomaly

56.9609, 57.7029, 67.1671

Monochromacy



Original Color

55.9565, 57.6335, 62.2080

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.7082, 58.1752, 62.9364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9565, 57.6335, 62.2080 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(206, 198, 199) looks like.

```
.text, #text, p{  
    color:rgb(206, 198, 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(206, 198, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 198, 199) }
```

Border

The CSS property to change the border of an element to XYZ 55.9565, 57.6335, 62.2080 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(206, 198, 199) }
```


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

```
.border{ border-color:rgb(206, 198, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 198, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 198, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 198, 199);  
box-shadow:4px 4px 4px 4px rgb(206, 198,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9565, 57.6335, 62.2080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 198, 199) }
```

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

```
.background{ background-color: rgb(206,  
198, 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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