

Converting Colors

XYZ(55.6900, 59.4246, 62.8575)

Have a look what the booklet for
XYZ(55.6900, 59.4246, 62.8575)
contains.

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Color

**XYZ(55.7211, 59.5886,
62.5978)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CCC7
RGB	200, 204, 199
RGB Percent	78%, 80%, 78%
CMY	0.2157, 0.2000, 0.2196
CMYK	0.02, 0.00, 0.02, 0.20
HSL	108°, 5%, 79%
HSV	108°, 2%, 80%
XYZ	55.7211, 59.5886, 62.5978
YIQ	202.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

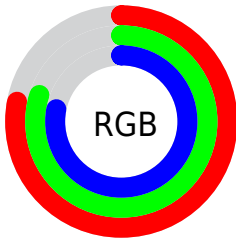
Format	Color
RYB	199, 204, 203
Decimal	13159623
CIELab	81.61, -2.28, 2.00
CIELCh	82, 3.033, 138.774
Yxy	59.5886, 0.3132, 0.3349
Android (android.graphics.Color)	4291349703 (0xFFC8CCC7)
YUV	202.2340, -1.5944, -1.9592
Hunter-Lab	77.1937, -6.2413, 5.9562

Details

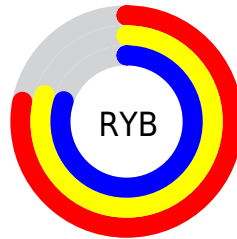
The XYZ color **55.7211, 59.5886, 62.5978** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9534, 57.9046, 65.3574**, and the grayscale version is **56.2965, 59.2283, 64.4996**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.8712, 29.9680, 31.1035** is the 20% darker color. If you saturate the color by 10%, you get **49.3804, 56.5772, 50.7544**, and if you desaturate by 10%, it is **62.8482, 62.9722, 76.1380**.

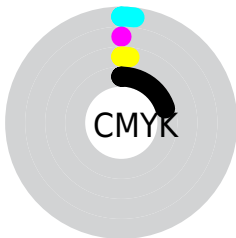
Distribution



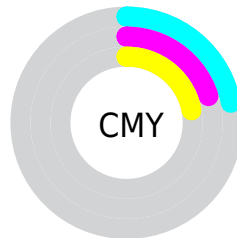
- Red (78%)
- Green (80%)
- Blue (78%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7211, 59.5886, 62.5978 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 55.7211, 59.5886, 62.5978 by changing the saturation by 10% instead.

■ 55.7211, 59.5886,
62.5978

■ 55.7211, 59.5886,
62.5978

398.7317,
423.0797, 452.1760

■ 40.2155, 43.0871,
45.0770

97.7389, 104.2326,
110.1690

■ 27.8915, 29.9535,
31.1747

124.9817,
133.1440, 141.0565

■ 18.3840, 19.8033,
20.4723

156.8677,
166.9608, 177.2367

■ 11.3274, 12.2521,
12.5514

193.7621,
206.0674, 219.1280

■ 6.3564, 6.9156,
6.9933

236.0304,
250.8482, 267.1491

■ 3.1057, 3.4094,
3.3795

284.0378,

■ 1.2099, 1.3490,

301.6875, 321.7184

1.2915

338.1498,
358.9699, 383.2546

■ 0.1142, 0.1787,
0.0548

■ 0.0000, 0.0000,
0.0000

■ 55.7211, 59.5886,
62.5978

■ 55.7211, 59.5886,
62.5978

■ 49.3804, 56.5772,
50.7544

■ 62.8482, 62.9722,
76.1380

■ 43.7941, 53.9177,
40.5373

■ 70.7825, 66.7321,
91.4343

■ 38.9351, 51.5994,
31.8765

■ 78.7011, 70.5427,
104.0758

■ 34.7730, 49.6084,
24.6957

■ 80.8840, 71.6680,
104.1780

■ 31.2750, 47.9295,
18.9120

■ 28.4057, 46.5464,
14.4343

■ 26.1261, 45.4414,
11.1609

■ 24.3929, 44.5945,
8.9749

■ 23.1559, 43.9829,
7.7360

Harmonies

Analogous

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



56.2440, 59.5886, 61.6175



55.7211, 59.5886, 62.5978



55.4445, 59.5886, 64.2014

Triad

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



55.7211, 59.5886, 62.5978



56.3991, 59.5886, 68.3832



57.8046, 59.5886, 63.7596

Complementary

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



55.7211, 59.5886, 62.5978



55.9534, 57.9046, 65.3574

Split Complementary

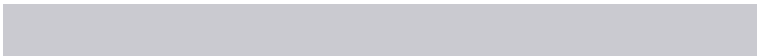
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.8469, 59.5886, 65.5671



55.7211, 59.5886, 62.5978



57.0322, 59.5886, 68.2595

Square

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



55.7211, 59.5886, 62.5978



55.8339, 59.5886, 67.5556



57.5632, 59.5886, 67.2208



57.4481, 59.5886, 62.2796

Rectangle

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



55.7211, 59.5886, 62.5978



55.4355, 59.5886, 65.4183



57.5632, 59.5886, 67.2208



57.8561, 59.5886, 64.3484

Sweetspot

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



55.7228, 59.5912, 62.5991



93.8954, 99.4519, 106.7171



56.5691, 59.6755, 62.5708



20.1097, 21.2926, 22.8649



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.



55.7228, 59.5912, 62.5991



91.6263, 98.3745, 102.4381



55.6318, 59.5240, 63.5092



12.0689, 13.0208, 13.4127



14.2220, 27.5070, 4.5598



0.7968, 1.4516, 0.2382

Inverse Universe

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



55.9534, 57.9046, 65.3574



92.0977, 94.9270, 108.0764



56.0474, 57.9738, 64.4264



12.1460, 12.4571, 14.3347



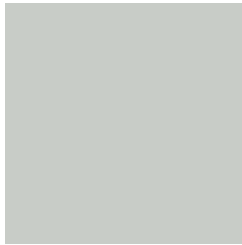
16.4740, 7.7002, 36.5743



0.9072, 0.4268, 1.8895

Previews

White Background



This preview shows how the XYZ color 55.7211, 59.5886, 62.5978 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 55.7211, 59.5886, 62.5978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

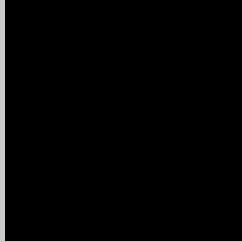
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

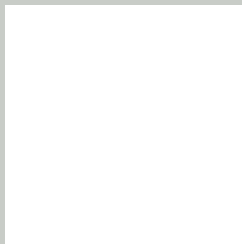
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7211, 59.5886, 62.5978

Background



This preview shows how black text looks on a background with the XYZ color 55.7211, 59.5886, 62.5978.



This preview shows how white text looks on a background with the XYZ color 55.7211, 59.5886,

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

55.7211, 59.5886, 62.5978

Protanopia

57.0457, 59.5837, 61.9202

Deuteranopia

60.7140, 59.3849, 63.5208



Tritanopia

58.0396, 59.4796, 74.0673

Trichromacy



Original Color

55.7211, 59.5886, 62.5978

Protanomaly

56.4508, 59.6265, 61.9599

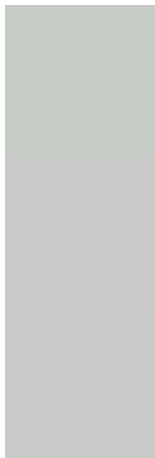
Deuteranomaly

58.8731, 59.4641, 63.0183

Tritanomaly

57.1105, 59.4508, 69.4379

Monochromacy



Original Color

55.7211, 59.5886, 62.5978

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.9859, 59.3464, 63.7626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7211, 59.5886, 62.5978 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(200, 204, 199) looks like.

```
.text, #text, p{  
    color:rgb(200, 204, 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(200, 204, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 204, 199) }
```

Border

The CSS property to change the border of an element to XYZ 55.7211, 59.5886, 62.5978 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(200, 204, 199) }
```


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

```
.border{ border-color:rgb(200, 204, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 204, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 204, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 204, 199);  
box-shadow:4px 4px 4px 4px rgb(200, 204,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7211, 59.5886, 62.5978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 204, 199) }
```

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

```
.background{ background-color: rgb(200,  
204, 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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