

Converting Colors

XYZ(55.8547, 59.1596, 63.2506)

Have a look what the booklet for
XYZ(55.8547, 59.1596, 63.2506)
contains.

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Color

**XYZ(55.8687, 59.2995,
63.1449)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CBC8
RGB	201, 203, 200
RGB Percent	79%, 80%, 78%
CMY	0.2118, 0.2039, 0.2157
CMYK	0.01, 0.00, 0.01, 0.20
HSL	100°, 3%, 79%
HSV	100°, 1%, 80%
XYZ	55.8687, 59.2995, 63.1449
YIQ	202.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

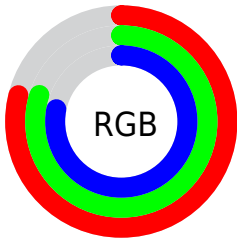
Format	Color
R _Y B	200, 203, 202
Decimal	13224904
CIE Lab	81.46, -1.23, 1.24
CIE LCh	81, 1.749, 134.705
Yxy	59.2995, 0.3133, 0.3326
Android (android.graphics.Color)	4291414984 (0xFFC9CBC8)
YUV	202.0600, -1.0156, -0.9296
Hunter-Lab	77.0062, -5.2574, 5.2866

Details

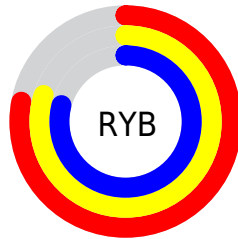
The XYZ color **55.8687, 59.2995, 63.1449** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7930, 58.1784, 64.7918**, and the grayscale version is **56.1841, 59.1101, 64.3709**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.9684, 29.7733, 31.4669** is the 20% darker color. If you saturate the color by 10%, you get **50.1715, 56.6203, 51.3049**, and if you desaturate by 10%, it is **62.2053, 62.2752, 76.6617**.

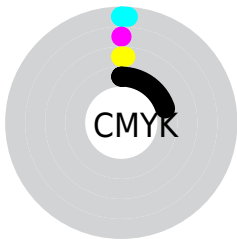
Distribution



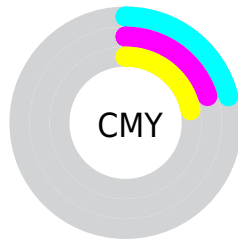
- Red (79%)
- Green (80%)
- Blue (78%)



- Red (78%)
- Yellow (80%)
- Blue (79%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (21%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8687, 59.2995, 63.1449 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 55.8687, 59.2995, 63.1449 by changing the saturation by 10% instead.

■ 55.8687, 59.2995,
63.1449

■ 55.8687, 59.2995,
63.1449

399.2795,
422.0109, 454.2176

■ 40.3342, 42.8543,
45.5167

97.9535, 103.8128,
110.9661

■ 27.9846, 29.7708,
31.5187

125.2346,
132.6497, 141.9962

■ 18.4545, 19.6647,
20.7324

157.1619,
166.3859, 178.3307

■ 11.3784, 12.1515,
12.7392

194.1008,
205.4059, 220.3881

■ 6.3911, 6.8470,
7.1206

236.4166,
250.0940, 268.5869

■ 3.1272, 3.3666,
3.4580

284.4748,

■ 1.2214, 1.3260,

300.8346, 323.3458

1.3330

338.6407,
358.0121, 385.0831

■ 0.1232, 0.1612,
0.0886

■ 0.0000, 0.0000,
0.0000

■ 55.8687, 59.2995,
63.1449

■ 55.8687, 59.2995,
63.1449

■ 50.1715, 56.6203,
51.3049

■ 62.2053, 62.2752,
76.6617

■ 45.0880, 54.2209,
41.0727

■ 69.1957, 65.5486,
91.9131

■ 40.5982, 52.0941,
32.3798

■ 75.8953, 68.7445,
103.8766

■ 36.6790, 50.2296,
25.1518

■ 80.6471, 71.1941,
104.0990

■ 33.3058, 48.6165,
19.3077

■ 30.4520, 47.2431,
14.7589

■ 28.0884, 46.0963,
11.4065

■ 26.1825, 45.1620,
9.1371

■ 24.6968, 44.4239,
7.8156

Harmonies

Analogous

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



56.1839, 59.2995, 62.6368



55.8687, 59.2995, 63.1449



55.6862, 59.2995, 64.0368

Triad

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



55.8687, 59.2995, 63.1449



56.1769, 59.2995, 66.5311



57.0460, 59.2995, 64.0567

Complementary

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



55.8687, 59.2995, 63.1449



55.7930, 58.1784, 64.7918

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.



57.0441, 59.2995, 65.1003



55.8687, 59.2995, 63.1449



56.5413, 59.2995, 66.5366

Square

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



55.8687, 59.2995, 63.1449



55.8636, 59.2995, 65.9955



56.8590, 59.2995, 66.0104



56.8642, 59.2995, 63.1594

Rectangle

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



55.8687, 59.2995, 63.1449



55.6638, 59.2995, 64.7326



56.8590, 59.2995, 66.0104



57.0668, 59.2995, 64.4019

Sweetspot

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



55.8704, 59.3020, 63.1462

95.0500, 100.0000, 108.9000



56.1768, 59.1101, 63.0930



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.



55.8704, 59.3020, 63.1462



92.9992, 99.0364, 104.5746



55.6610, 59.1873, 63.4423



12.3762, 13.1680, 13.9358



15.1772, 27.9995, 4.6045



0.8633, 1.4859, 0.2413

Inverse Universe

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



55.7930, 58.1784, 64.7918



92.8224, 96.4684, 108.3357



56.0050, 58.2946, 64.4908



12.3544, 12.8512, 14.3998



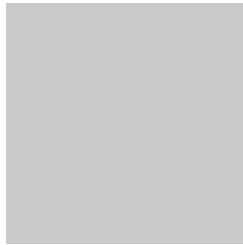
13.3593, 6.0945, 36.4285



0.7675, 0.3548, 1.8830

Previews

White Background



This preview shows how the XYZ color 55.8687, 59.2995, 63.1449 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 55.8687, 59.2995, 63.1449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

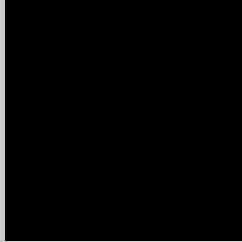
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

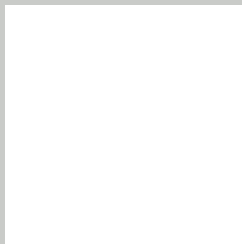
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.8687, 59.2995, 63.1449

Background



This preview shows how black text looks on a background with the XYZ color 55.8687, 59.2995, 63.1449.



This preview shows how white text looks on a background with the XYZ color 55.8687, 59.2995,

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

55.8687, 59.2995, 63.1449

Protanopia

56.9276, 59.1622, 62.4519

Deuteranopia

60.4067, 59.2265, 63.5064



Tritanopia

57.9508, 59.1038, 73.3196

Trichromacy



Original Color

55.8687, 59.2995, 63.1449

Protanomaly

56.6062, 59.3437, 62.5038

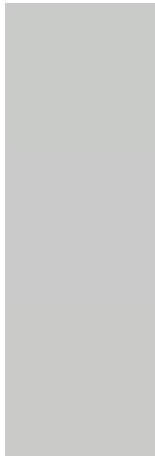
Deuteranomaly

58.6976, 59.3600, 63.6223

Tritanomaly

57.1481, 59.1229, 69.3726

Monochromacy



Original Color

55.8687, 59.2995, 63.1449

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 55.8687, 59.2995, 63.1449 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(201, 203, 200) looks like.

```
.text, #text, p{  
    color:rgb(201, 203, 200)  
}
```

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(201, 203, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 203, 200) }
```

Border

The CSS property to change the border of an element to XYZ 55.8687, 59.2995, 63.1449 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(201, 203, 200) }
```

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

```
.border{ border-color:rgb(201, 203, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 203, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 203, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 203, 200);  
box-shadow:4px 4px 4px 4px rgb(201, 203,  
200) }
```


Background

The CSS property to change the background color of an element to XYZ 55.8687, 59.2995, 63.1449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 203, 200) }
```

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

```
.background{ background-color: rgb(201,  
203, 200) }
```

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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