

Converting Colors

XYZ(56.9278, 62.0038, 63.0044)

Have a look what the booklet for
XYZ(56.9278, 62.0038, 63.0044)
contains.

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Color

**XYZ(56.9287, 62.0038,
63.0003)**

Conversions

Conversions Part 1

Format	Color
Hex	C8D1C7
RGB	200, 209, 199
RGB Percent	78%, 82%, 78%
CMY	0.2157, 0.1804, 0.2196
CMYK	0.04, 0.00, 0.05, 0.18
HSL	114°, 10%, 80%
HSV	114°, 5%, 82%
XYZ	56.9287, 62.0038, 63.0003
YIQ	205.1690, -2.1540, -5.0180

Conversions

Conversions Part 2

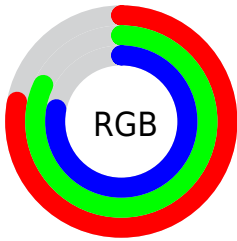
Format	Color
R _Y B	199, 209, 208
Decimal	13160903
CIE Lab	82.92, -4.89, 3.89
CIE LCh	83, 6.245, 141.515
Yxy	62.0038, 0.3129, 0.3408
Android (android.graphics.Color)	4291350983 (0xFFC8D1C7)
YUV	205.1690, -3.0413, -4.5332
Hunter-Lab	78.7425, -8.7487, 7.6830

Details

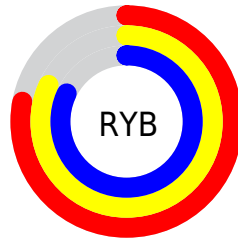
The XYZ color **56.9287, 62.0038, 63.0003** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9468, 58.8619, 68.6321**, and the grayscale version is **58.1571, 61.1858, 66.6313**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.6862, 31.5980, 31.3752** is the 20% darker color. If you saturate the color by 10%, you get **49.9483, 58.6685, 50.8643**, and if you desaturate by 10%, it is **64.8641, 65.7965, 76.9234**.

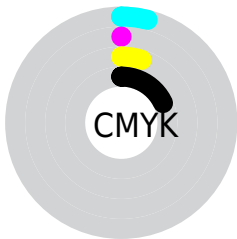
Distribution



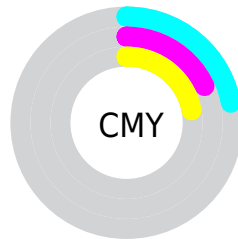
- Red (78%)
- Green (82%)
- Blue (78%)



- Red (78%)
- Yellow (82%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9287, 62.0038, 63.0003 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 56.9287, 62.0038, 63.0003 by changing the saturation by 10% instead.

■ 56.9287, 62.0038,
63.0003

■ 56.9287, 62.0038,
63.0003

403.2006,
431.9450, 453.6786

■ 41.1879, 45.0358,
45.4005

99.4931, 107.7310,
110.7555

■ 28.6543, 31.4856,
31.4277

127.0474,
137.2590, 141.7480

■ 18.9624, 20.9689,
20.6636

159.2703,
171.7424, 178.0417

■ 11.7470, 13.1013,
12.6895

196.5271,
211.5657, 220.0553

■ 6.6426, 7.4983,
7.0869

239.1832,
257.1132, 268.2072

■ 3.2839, 3.7757,
3.4372

287.6039,

■ 1.3056, 1.5489,

308.7693, 322.9160

1.3220

342.1546,
366.9184, 384.6003

■ 0.1874, 0.3228,
0.0797

■ 0.0000, 0.0000,
0.0000

■ 56.9287, 62.0038,
63.0003

■ 56.9287, 62.0038,
63.0003

■ 49.9483, 58.6685,
50.8643

■ 64.8641, 65.7965,
76.9234

■ 43.8819, 55.7656,
40.4392

■ 73.7832, 70.0546,
92.6976

■ 38.6931, 53.2798,
31.6492

■ 82.0917, 74.0833,
104.5806

■ 34.3411, 51.1920,
24.4115

■ 30.7818, 49.4812,
18.6359

■ 27.9671, 48.1250,
14.2229

■ 25.8437, 47.0981,
11.0606

■ 24.3510, 46.3722,
9.0194

■ 23.4175, 45.9139,
7.9415

Harmonies

Analogous

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



57.9881, 62.0038, 60.8438



56.9287, 62.0038, 63.0003



56.4082, 62.0038, 66.4231

Triad

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



56.9287, 62.0038, 63.0003



58.5514, 62.0038, 75.1163



61.3751, 62.0038, 64.8279

Complementary

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



56.9287, 62.0038, 63.0003



57.9468, 58.8619, 68.6321

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.



61.5315, 62.0038, 68.6119



56.9287, 62.0038, 63.0003



59.8876, 62.0038, 74.6495

Square

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



56.9287, 62.0038, 63.0003



57.3357, 62.0038, 73.4854



60.9833, 62.0038, 72.2333



60.5592, 62.0038, 61.8707

Rectangle

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



56.9287, 62.0038, 63.0003



56.4313, 62.0038, 69.0030



60.9833, 62.0038, 72.2333



61.5070, 62.0038, 66.0418

Sweetspot

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



56.9304, 62.0065, 63.0017



93.8028, 99.4041, 106.7128



59.1618, 62.7936, 63.0360



20.0908, 21.2829, 22.8640



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.



56.9304, 62.0065, 63.0017



87.7976, 96.5346, 96.2102



57.1351, 62.0576, 65.4687



12.2074, 13.4737, 13.3232



14.2861, 28.2337, 4.6967



0.8371, 1.5984, 0.2644

Inverse Universe

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



57.9468, 58.8619, 68.6321



89.8014, 90.3348, 107.3111



57.7395, 58.8115, 66.0684



12.5107, 12.5351, 15.0038



19.9472, 9.4635, 37.9678



1.1498, 0.5469, 2.1245

Previews

White Background



This preview shows how the XYZ color 56.9287, 62.0038, 63.0003 looks on a white background.

Color Contrast Check

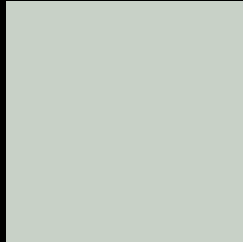
Large Text (above 18pt) WCAG AA × Fail

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 56.9287, 62.0038, 63.0003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

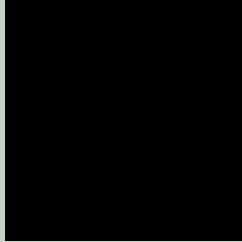
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

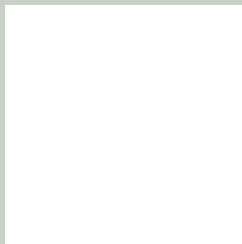
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9287, 62.0038, 63.0003

Background



This preview shows how black text looks on a background with the XYZ color 56.9287, 62.0038, 63.0003.

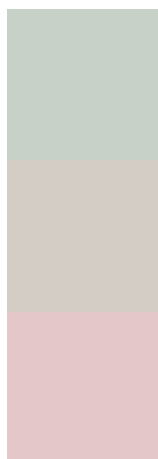


This preview shows how white text looks on a background with the XYZ color 56.9287, 62.0038,

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

56.9287, 62.0038, 63.0003

Protanopia

59.0607, 61.6909, 61.6180

Deuteranopia

62.9609, 61.5579, 63.8218



Tritanopia

60.1580, 62.2539, 77.9528

Trichromacy



Original Color

56.9287, 62.0038, 63.0003

Protanomaly

58.2768, 61.6297, 62.2503

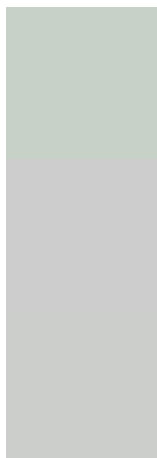
Deuteranomaly

60.6947, 61.7874, 63.3708

Tritanomaly

59.0790, 62.1772, 72.5059

Monochromacy



Original Color

56.9287, 62.0038, 63.0003

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.4794, 61.1509, 65.2737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9287, 62.0038, 63.0003 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, 209, 199) looks like.

```
.text, #text, p{  
    color:rgb(200, 209, 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, 209, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 209, 199) }
```

Border

The CSS property to change the border of an element to XYZ 56.9287, 62.0038, 63.0003 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, 209, 199) }
```


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

```
.border{ border-color:rgb(200, 209, 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, 209, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 209, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 209, 199); box-shadow:4px 4px 4px 4px rgb(200, 209, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9287, 62.0038, 63.0003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 209, 199) }
```

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

```
.background{ background-color: rgb(200,  
209, 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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