

Converting Colors

XYZ(56.3179, 57.8882, 63.7527)

Have a look what the booklet for
XYZ(56.3179, 57.8882, 63.7527)
contains.

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Color

**XYZ(56.1903, 57.7270,
63.4392)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC6C9
RGB	206, 198, 201
RGB Percent	81%, 78%, 79%
CMY	0.1922, 0.2235, 0.2118
CMYK	0.00, 0.04, 0.02, 0.19
HSL	338°, 8%, 79%
HSV	338°, 4%, 81%
XYZ	56.1903, 57.7270, 63.4392
YIQ	200.7340, 3.8050, 2.6290

Conversions

Conversions Part 2

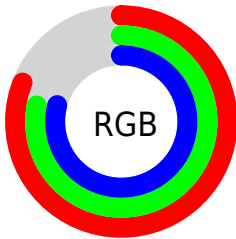
Format	Color
R _Y B	206, 198, 201
Decimal	13551305
CIE Lab	80.59, 3.32, -0.51
CIE LCh	81, 3.358, 351.188
Yxy	57.7270, 0.3168, 0.3255
Android (android.graphics.Color)	4291741385 (0xFFCEC6C9)
YUV	200.7340, 0.1311, 4.6183
Hunter-Lab	75.9783, -0.9510, 3.6797

Details

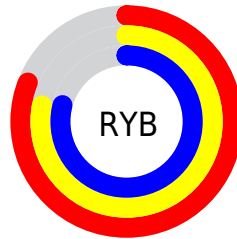
The XYZ color **56.1903, 57.7270, 63.4392** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1417, 60.4617, 65.2142**, and the grayscale version is **55.3516, 58.2342, 63.4170**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.1886, 28.7285, 31.6632** is the 20% darker color. If you saturate the color by 10%, you get **50.3463, 48.3625, 54.3265**, and if you desaturate by 10%, it is **62.8051, 68.4282, 73.4372**.

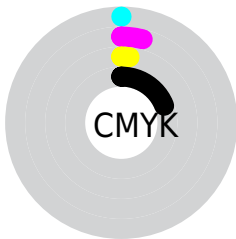
Distribution



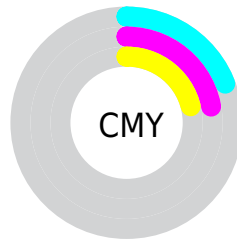
- Red (81%)
- Green (78%)
- Blue (79%)



- Red (81%)
- Yellow (78%)
- Blue (79%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (19%)



- Cyan (19%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1903, 57.7270, 63.4392 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 56.1903, 57.7270, 63.4392 by changing the saturation by 10% instead.

■ 56.1903, 57.7270,
63.4392

■ 56.1903, 57.7270,
63.4392

400.4717,
416.1679, 455.3134

■ 40.5931, 41.5892,
45.7533

98.4210, 101.5252,
111.3946

■ 28.1876, 28.7798,
31.7040

125.7851,
129.9544, 142.5012

■ 18.6083, 18.9143,
20.8725

157.8024,
163.2495, 178.9184

■ 11.4899, 11.6084,
12.8405

194.8380,
201.7950, 221.0649

■ 6.4671, 6.4776,
7.1894

237.2574,
245.9752, 269.3591

■ 3.1744, 3.1376,
3.5006

285.4259,

■ 1.2467, 1.2040,

296.1744, 324.2195

1.3556

339.7089,
352.7772, 386.0648

■ 0.1428, 0.0650,
0.1067

■ 0.0000, 0.0000,
0.0000

■ 56.1903, 57.7270,
63.4392

■ 56.1903, 57.7270,
63.4392

■ 50.3463, 48.3625,
54.3265

■ 62.8051, 68.4282,
73.4372

■ 45.2394, 40.2745,
46.0705

■ 70.2130, 80.5081,
84.3405

■ 40.8405, 33.4094,
38.6462

■ 76.8892, 90.9121,
95.6559

■ 37.1170, 27.7070,
32.0262

■ 78.8679, 91.7036,
106.0753

■ 34.0331, 23.1018,
26.1813

■ 79.2640, 91.8620,
108.1612

■ 31.5500, 19.5218,
21.0804

■ 29.6243, 16.8862,
16.6898

■ 28.2060, 15.1021,
12.9727

■ 27.2356, 14.0569,
9.8878

Harmonies

Analogous

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



55.9089, 57.7270, 65.2684



56.1903, 57.7270, 63.4392



56.1151, 57.7270, 61.4906

Triad

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



56.1903, 57.7270, 63.4392



54.3893, 57.7270, 59.3757



54.0398, 57.7270, 65.8646

Complementary

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



56.1903, 57.7270, 63.4392



56.1417, 60.4617, 65.2142

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.



53.6391, 57.7270, 64.2392



56.1903, 57.7270, 63.4392



53.8397, 57.7270, 60.5016

Square

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



56.1903, 57.7270, 63.4392



55.0714, 57.7270, 59.1717



53.5662, 57.7270, 62.2742



54.6646, 57.7270, 66.6878

Rectangle

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



56.1903, 57.7270, 63.4392



55.8730, 57.7270, 60.3840



53.5662, 57.7270, 62.2742



53.8747, 57.7270, 65.3923

Sweetspot

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



56.1919, 57.7295, 63.4405



93.9862, 98.2815, 107.2842



55.9471, 57.5342, 66.5499



20.1281, 21.0544, 22.9803



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.



56.1919, 57.7295, 63.4405



89.8594, 91.6303, 100.9685



56.0567, 58.0177, 61.6730



11.8642, 12.0538, 13.2995



16.5461, 8.4290, 5.3283



0.8901, 0.4495, 0.4673

Inverse Universe

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



56.1919, 57.7295, 63.4405



89.8594, 91.6303, 100.9685



56.2784, 60.1581, 67.0389



11.8642, 12.0538, 13.2995



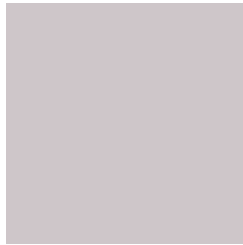
16.5461, 8.4290, 5.3283



0.8901, 0.4495, 0.4673

Previews

White Background



This preview shows how the XYZ color 56.1903, 57.7270, 63.4392 looks on a white background.

Color Contrast Check

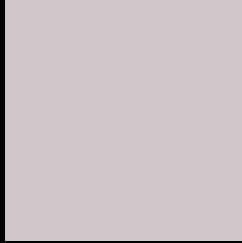
Large Text (above 18pt) WCAG AA × Fail

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 56.1903, 57.7270, 63.4392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

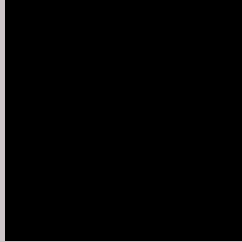
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

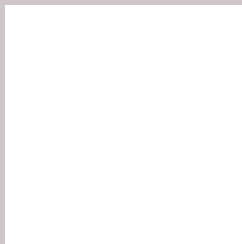
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1903, 57.7270, 63.4392

Background



This preview shows how black text looks on a background with the XYZ color 56.1903, 57.7270, 63.4392.

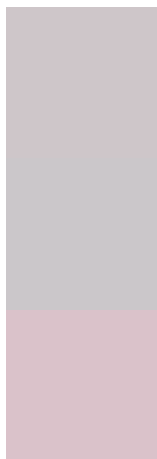


This preview shows how white text looks on a background with the XYZ color 56.1903, 57.7270,

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

56.1903, 57.7270, 63.4392

Protanopia

55.7127, 57.8076, 64.0987

Deuteranopia

58.8659, 57.7533, 63.9220



Tritanopia

57.6360, 57.6432, 70.3759

Trichromacy



Original Color

56.1903, 57.7270, 63.4392

Protanomaly

55.9859, 57.9485, 64.1115

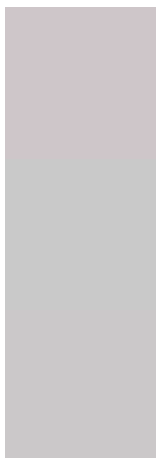
Deuteranomaly

57.9073, 57.5906, 63.9412

Tritanomaly

57.0835, 57.7520, 67.8131

Monochromacy



Original Color

56.1903, 57.7270, 63.4392

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.8255, 58.2221, 63.5540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1903, 57.7270, 63.4392 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, 201) looks like.

```
.text, #text, p{  
    color:rgb(206, 198, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 198, 201) }
```

Border

The CSS property to change the border of an element to XYZ 56.1903, 57.7270, 63.4392 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, 201) }
```


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

```
.border{ border-color:rgb(206, 198, 201) }
```

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, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 198, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 198, 201);  
box-shadow:4px 4px 4px 4px rgb(206, 198,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1903, 57.7270, 63.4392 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, 201) }
```

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

```
.background{ background-color: rgb(206,  
198, 201) }
```

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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