

Converting Colors

XYZ(57.4327, 59.9056, 64.0878)

Have a look what the booklet for
XYZ(57.4327, 59.9056, 64.0878)
contains.

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Color

**XYZ(57.3953, 59.7235,
63.7611)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCAC9
RGB	207, 202, 201
RGB Percent	81%, 79%, 79%
CMY	0.1882, 0.2078, 0.2118
CMYK	0.00, 0.02, 0.03, 0.19
HSL	10°, 6%, 80%
HSV	10°, 3%, 81%
XYZ	57.3953, 59.7235, 63.7611
YIQ	203.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

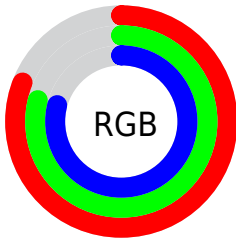
Format	Color
R_{YB}	207, 202, 201
Decimal	13617865
CIE _{Lab}	81.69, 1.55, 1.10
CIE _{LCh}	82, 1.903, 35.371
Yxy	59.7235, 0.3173, 0.3302
Android (android.graphics.Color)	4291807945 (0xFFCFCAC9)
YUV	203.3810, -1.1738, 3.1739
Hunter-Lab	77.2810, -2.6727, 5.1791

Details

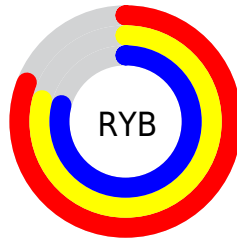
The XYZ color **57.3953, 59.7235, 63.7611** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4212, 61.0644, 67.7925**, and the grayscale version is **57.0113, 59.9804, 65.3186**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.9932, 30.0587, 31.8776** is the 20% darker color. If you saturate the color by 10%, you get **51.3017, 51.1736, 50.5147**, and if you desaturate by 10%, it is **64.2723, 69.3135, 78.8891**.

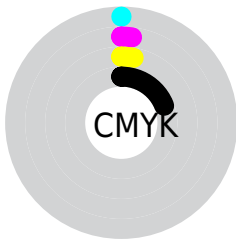
Distribution



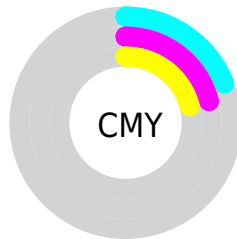
- Red (81%)
- Green (79%)
- Blue (79%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3953, 59.7235, 63.7611 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 57.3953, 59.7235, 63.7611 by changing the saturation by 10% instead.

■ 57.3953, 59.7235,
63.7611

■ 57.3953, 59.7235,
63.7611

404.9192,
423.5779, 456.5102

■ 41.5641, 43.1958,
46.0123

100.1698,
104.4285, 111.8630

■ 28.9497, 30.0388,
31.9068

127.8438,
133.3745, 143.0531

■ 19.1869, 19.8680,
21.0261

160.1960,
167.2288, 179.5607

■ 11.9102, 12.2991,
12.9516

197.5919,
206.3758, 221.8043

■ 6.7543, 6.9478,
7.2649

240.3968,
251.1998, 270.2026

■ 3.3539, 3.4294,
3.5474

288.9761,

■ 1.3436, 1.3598,

302.0852, 325.1739

1.3805

343.6951,
359.4164, 387.1370

■ 0.2155, 0.1868,
0.1264

■ 0.0000, 0.0000,
0.0000

■ 57.3953, 59.7235,
63.7611

■ 57.3953, 59.7235,
63.7611

■ 51.3017, 51.1736,
50.5147

■ 64.2723, 69.3135,
78.8891

■ 45.9586, 43.6213,
39.0726

■ 71.9541, 79.9689,
95.9643

■ 41.3382, 37.0323,
29.3574

■ 79.1353, 91.1912,
108.0385

■ 37.4092, 31.3678,
21.2851

■ 79.5425, 92.0056,
108.1743

■ 34.1376, 26.5860,
14.7644

■ 31.4868, 22.6422,
9.6952

■ 29.4164, 19.4873,
5.9653

■ 27.8809, 17.0674,
3.4463

■ 26.8276, 15.3212,
1.9841

Harmonies

Analogous

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



57.5351, 59.7235, 64.8226



57.3953, 59.7235, 63.7611



57.0867, 59.7235, 63.0455

Triad

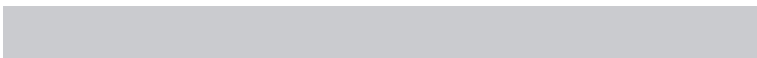
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.3953, 59.7235, 63.7611



56.0686, 59.7235, 64.1145



56.8375, 59.7235, 67.2481

Complementary

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



57.3953, 59.7235, 63.7611



57.4212, 61.0644, 67.7925

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.



56.4453, 59.7235, 67.0531



57.3953, 59.7235, 63.7611



56.0026, 59.7235, 65.2353

Square

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



57.3953, 59.7235, 63.7611



56.3210, 59.7235, 63.2479



56.1401, 59.7235, 66.3131



57.2121, 59.7235, 66.8427

Rectangle

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



57.3953, 59.7235, 63.7611



56.8275, 59.7235, 62.8563



56.1401, 59.7235, 66.3131



56.7033, 59.7235, 67.2506

Sweetspot

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



57.3970, 59.7261, 63.7624



93.9684, 98.4894, 106.5275



57.7602, 59.4959, 66.8330



20.1245, 21.0967, 22.8263



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.



57.3970, 59.7261, 63.7624



91.8438, 95.5195, 101.8756



58.1070, 61.1460, 63.9991



12.7513, 13.2238, 14.0306



16.6312, 9.1953, 0.8983



0.9806, 0.6154, 0.0671

Inverse Universe

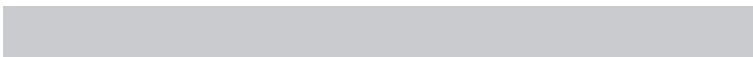
The Inverse Universe completely reimagines the original color for something new.



57.4212, 61.0644, 67.7925



91.8845, 97.7642, 108.6353



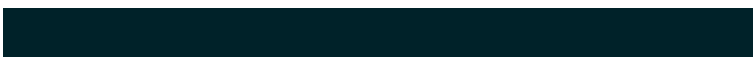
56.7067, 59.6353, 67.5544



12.7583, 13.6116, 15.1985



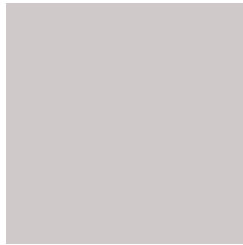
16.4963, 21.6391, 40.4998



0.9681, 1.3014, 2.2797

Previews

White Background



This preview shows how the XYZ color 57.3953, 59.7235, 63.7611 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 57.3953, 59.7235, 63.7611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

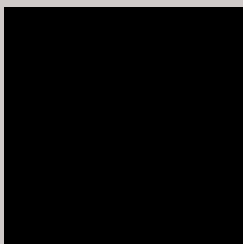
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

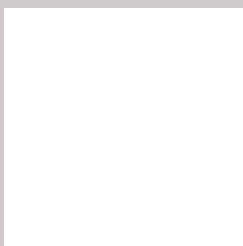
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3953, 59.7235, 63.7611

Background



This preview shows how black text looks on a background with the XYZ color 57.3953, 59.7235, 63.7611.

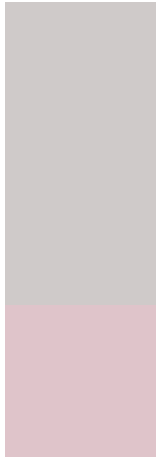


This preview shows how white text looks on a background with the XYZ color 57.3953, 59.7235,

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

57.3953, 59.7235, 63.7611

Protanopia

57.3953, 59.7235, 63.7611

Deuteranopia

60.8320, 59.4321, 64.1425



Tritanopia

59.3434, 59.8217, 73.3848

Trichromacy



Original Color

57.3953, 59.7235, 63.7611

Protanomaly

57.3953, 59.7235, 63.7611

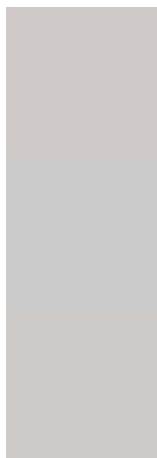
Deuteranomaly

59.4700, 59.4041, 64.2089

Tritanomaly

58.6569, 59.8863, 70.0957

Monochromacy



Original Color

57.3953, 59.7235, 63.7611

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.9184, 59.8135, 64.4224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3953, 59.7235, 63.7611 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(207, 202, 201) looks like.

```
.text, #text, p{  
    color:rgb(207, 202, 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(207, 202, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 202, 201) }
```

Border

The CSS property to change the border of an element to XYZ 57.3953, 59.7235, 63.7611 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(207, 202, 201) }
```


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

```
.border{ border-color:rgb(207, 202, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 202, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 202, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 202, 201);  
box-shadow:4px 4px 4px 4px rgb(207, 202,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3953, 59.7235, 63.7611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 202, 201) }
```

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

```
.background{ background-color: rgb(207,  
202, 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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