

Converting Colors

XYZ(56.8481, 59.8392, 63.7024)

Have a look what the booklet for
XYZ(56.8481, 59.8392, 63.7024)
contains.

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Color

**XYZ(56.8004, 59.7663,
63.8007)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCBC9
RGB	204, 203, 201
RGB Percent	80%, 80%, 79%
CMY	0.2000, 0.2039, 0.2118
CMYK	0.00, 0.00, 0.01, 0.20
HSL	40°, 3%, 79%
HSV	40°, 1%, 80%
XYZ	56.8004, 59.7663, 63.8007
YIQ	203.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

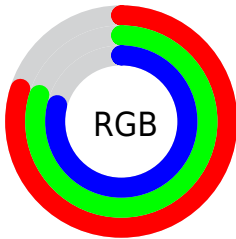
Format	Color
RYB	203, 204, 201
Decimal	13421513
CIELab	81.71, -0.01, 1.11
CIElCh	82, 1.107, 90.726
Yxy	59.7663, 0.3149, 0.3314
Android (android.graphics.Color)	4291611593 (0xFFCCCCBC9)
YUV	203.0710, -1.0210, 0.8147
Hunter-Lab	77.3087, -4.1422, 5.1857

Details

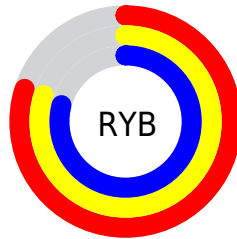
The XYZ color **56.8004, 59.7663, 63.8007** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1070, 59.0174, 65.5619**, and the grayscale version is **56.8164, 59.7753, 65.0953**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.5916, 30.0855, 31.9039** is the 20% darker color. If you saturate the color by 10%, you get **52.9935, 55.7408, 51.4679**, and if you desaturate by 10%, it is **60.9994, 64.0643, 77.8381**.

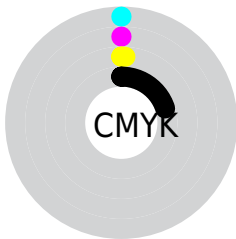
Distribution



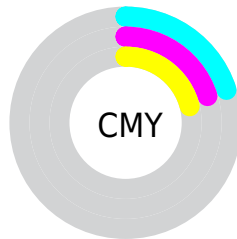
- Red (80%)
- Green (80%)
- Blue (79%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8004, 59.7663, 63.8007 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 56.8004, 59.7663, 63.8007 by changing the saturation by 10% instead.

■ 56.8004, 59.7663,
63.8007

■ 56.8004, 59.7663,
63.8007

402.7272,
423.7358, 456.6573

■ 41.0845, 43.2303,
46.0441

99.3069, 104.4906,
111.9206

■ 28.5731, 30.0658,
31.9317

126.8283,
133.4476, 143.1209

■ 18.9008, 19.8886,
21.0450

159.0155,
167.3139, 179.6396

■ 11.7022, 12.3141,
12.9653

196.2340,
206.4736, 221.8952

■ 6.6120, 6.9580,
7.2742

238.8490,
251.3113, 270.3063

■ 3.2648, 3.4358,
3.5531

287.2260,

■ 1.2953, 1.3633,

302.2113, 325.2912

1.3835

341.7303,
359.5580, 387.2687

■ 0.1797, 0.1894,
0.1288

■ 0.0000, 0.0000,
0.0000

■ 56.8004, 59.7663,
63.8007

■ 56.8004, 59.7663,
63.8007

■ 52.9935, 55.7408,
51.4679

■ 60.9994, 64.0643,
77.8381

■ 49.5604, 51.9734,
40.7698

■ 65.5980, 68.6336,
93.6386

■ 46.4884, 48.4595,
31.6375

■ 69.4286, 73.0103,
105.0409

■ 43.7624, 45.1916,
23.9956

■ 71.2788, 76.7109,
105.6576

41.3660, 42.1617,
17.7624

73.2024, 80.5580,
106.2988

39.2813, 39.3610,
12.8482

75.2001, 84.5535,
106.9647

37.4885, 36.7800,
9.1532

77.2728, 88.6987,
107.6556

35.9647, 34.4080,
6.5628

78.7122, 91.5776,
108.1354

34.6832, 32.2327,
4.9404

Harmonies

Analogous

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



57.0254, 59.7663, 63.9625



56.8004, 59.7663, 63.8007



56.5775, 59.7663, 63.9785

Triad

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



56.8004, 59.7663, 63.8007



56.4218, 59.7663, 65.7331



57.1978, 59.7663, 65.7048

Complementary

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



56.8004, 59.7663, 63.8007



56.1070, 59.0174, 65.5619

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.



57.0353, 59.7663, 66.1846



56.8004, 59.7663, 63.8007



56.5873, 59.7663, 66.2011

Square

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



56.8004, 59.7663, 63.8007



56.3592, 59.7663, 65.0916



56.8118, 59.7663, 66.3668



57.2553, 59.7663, 65.0591

Rectangle

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



56.8004, 59.7663, 63.8007



56.4599, 59.7663, 64.2664



56.8118, 59.7663, 66.3668



57.1536, 59.7663, 65.8910

Sweetspot

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



56.8021, 59.7689, 63.8020

95.0500, 100.0000, 108.9000



56.4500, 58.8759, 64.2669



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.



56.8021, 59.7689, 63.8020



93.7016, 98.5999, 104.4534



56.9013, 60.1705, 63.8743



12.4629, 13.1142, 13.9209



21.3252, 19.3833, 2.6174



1.1680, 1.1357, 0.1576

Inverse Universe

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



56.1070, 59.0174, 65.5619



92.1215, 96.8915, 108.4544



56.0086, 58.6208, 65.4905



12.2679, 12.9035, 14.4144



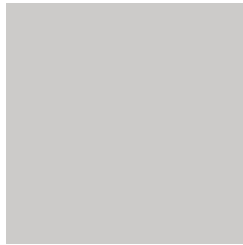
8.2286, 5.4812, 36.5806



0.4941, 0.4219, 1.9103

Previews

White Background



This preview shows how the XYZ color 56.8004, 59.7663, 63.8007 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 56.8004, 59.7663, 63.8007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

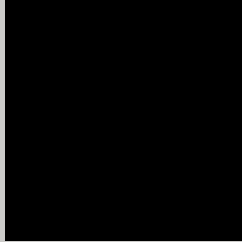
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

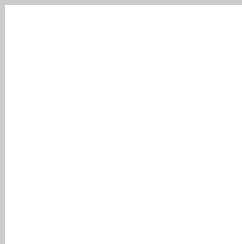
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8004, 59.7663, 63.8007

Background



This preview shows how black text looks on a background with the XYZ color 56.8004, 59.7663, 63.8007.

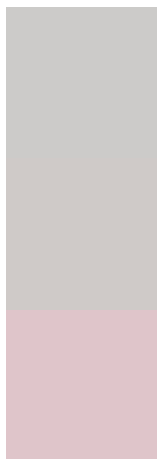


This preview shows how white text looks on a background with the XYZ color 56.8004, 59.7663,

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

56.8004, 59.7663, 63.8007

Protanopia

57.2780, 59.6766, 63.1434

Deuteranopia

61.0583, 59.8847, 64.2179



Tritanopia

58.7349, 59.8530, 73.4229

Trichromacy



Original Color

56.8004, 59.7663, 63.8007

Protanomaly

56.9995, 59.5330, 63.1304

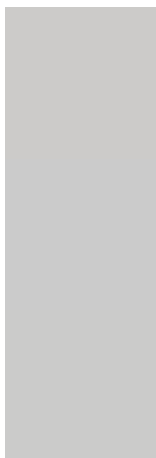
Deuteranomaly

59.4030, 59.7100, 64.2714

Tritanomaly

58.0552, 59.9233, 70.1345

Monochromacy



Original Color

56.8004, 59.7663, 63.8007

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.6452, 59.6726, 64.4096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8004, 59.7663, 63.8007 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(204, 203, 201) looks like.

```
.text, #text, p{  
    color:rgb(204, 203, 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(204, 203, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 203, 201) }
```

Border

The CSS property to change the border of an element to XYZ 56.8004, 59.7663, 63.8007 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(204, 203, 201) }
```

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

```
.border{ border-color:rgb(204, 203, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 203, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 203, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 203, 201);  
box-shadow:4px 4px 4px 4px rgb(204, 203,  
201) }
```


Background

The CSS property to change the background color of an element to XYZ 56.8004, 59.7663, 63.8007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 203, 201) }
```

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

```
.background{ background-color: rgb(204,  
203, 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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