

Converting Colors

XYZ(56.4113, 59.7740, 62.7403)

Have a look what the booklet for
XYZ(56.4113, 59.7740, 62.7403)
contains.

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Color

**XYZ(56.5303, 60.0058,
62.6356)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCCC7
RGB	203, 204, 199
RGB Percent	80%, 80%, 78%
CMY	0.2039, 0.2000, 0.2196
CMYK	0.00, 0.00, 0.02, 0.20
HSL	72°, 5%, 79%
HSV	72°, 2%, 80%
XYZ	56.5303, 60.0058, 62.6356
YIQ	203.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

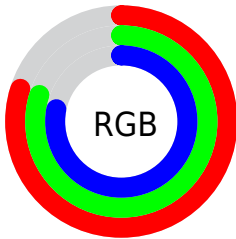
Format	Color
RYB	199, 204, 200
Decimal	13356231
CIELab	81.84, -1.24, 2.36
CIELCh	82, 2.665, 117.834
Yxy	60.0058, 0.3155, 0.3349
Android (android.graphics.Color)	4291546311 (0xFFCBCCC7)
YUV	203.1310, -2.0366, -0.1149
Hunter-Lab	77.4634, -5.2974, 6.2835

Details

The XYZ color **56.5303, 60.0058, 62.6356** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1442, 57.4874, 65.3196**, and the grayscale version is **56.8604, 59.8216, 65.1457**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.4116, 30.2466, 31.1288** is the 20% darker color. If you saturate the color by 10%, you get **53.2195, 58.5564, 50.9340**, and if you desaturate by 10%, it is **60.1915, 61.6026, 76.0136**.

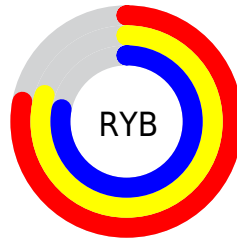
Distribution



Red (80%)

Green (80%)

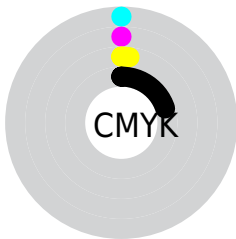
Blue (78%)



Red (78%)

Yellow (80%)

Blue (78%)

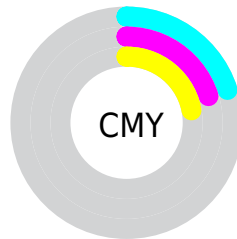


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5303, 60.0058, 62.6356 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 56.5303, 60.0058, 62.6356 by changing the saturation by 10% instead.

■ 56.5303, 60.0058,
62.6356

■ 56.5303, 60.0058,
62.6356

401.7296,
424.6192, 452.3173

■ 40.8669, 43.4233,
45.1074

98.9148, 104.8381,
110.2241

■ 28.4023, 30.2174,
31.1984

126.3667,
133.8567, 141.1215

■ 18.7712, 20.0037,
20.4903

158.4788,
167.7894, 177.3123

■ 11.6081, 12.3977,
12.5643

195.6164,
207.0207, 219.2151

■ 6.5477, 7.0151,
7.0020

238.1449,
251.9349, 267.2485

■ 3.2247, 3.4716,
3.3849

286.4298,

■ 1.2737, 1.3826,

302.9165, 321.8310

1.2944

340.8362,
360.3497, 383.3810

■ 0.1634, 0.2038,
0.0572

■ 0.0000, 0.0000,
0.0000

■ 56.5303, 60.0058,
62.6356

■ 56.5303, 60.0058,
62.6356

■ 53.2195, 58.5564,
50.9340

■ 60.1915, 61.6026,
76.0136

■ 50.2414, 57.2414,
40.8390

■ 64.2100, 63.3439,
91.1266

■ 47.5838, 56.0581,
32.2812

■ 67.7499, 64.8972,
103.5634

■ 45.2324, 55.0005,
25.1852

■ 68.9688, 65.5256,
103.6204

■ 43.1711, 54.0622,
19.4687

■ 70.2179, 66.1695,
103.6788

■ 41.3828, 53.2365,
15.0416

■ 71.4975, 66.8292,
103.7387

■ 39.8479, 52.5153,
11.8031

■ 72.8078, 67.5047,
103.8001

■ 38.5443, 51.8899,
9.6371

■ 74.1491, 68.1961,
103.8628

■ 37.4453, 51.3494,
8.4048

■ 75.5215, 68.9036,
103.9271

Harmonies

Analogous

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



57.0746, 60.0058, 62.2900



56.5303, 60.0058, 62.6356



56.1232, 60.0058, 63.7012

Triad

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



56.5303, 60.0058, 62.6356



56.4600, 60.0058, 67.9929



58.1211, 60.0058, 65.4532

Complementary

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



56.5303, 60.0058, 62.6356



55.1442, 57.4874, 65.3196

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.



57.9540, 60.0058, 66.9987



56.5303, 60.0058, 62.6356



56.9929, 60.0058, 68.4799

Square

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



56.5303, 60.0058, 62.6356



56.0828, 60.0058, 66.7928



57.5401, 60.0058, 68.1132



57.9953, 60.0058, 63.9008

Rectangle

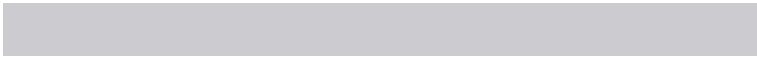
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.5303, 60.0058, 62.6356



55.9832, 60.0058, 64.6856



57.5401, 60.0058, 68.1132



58.0973, 60.0058, 65.9909

Sweetspot

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



56.5320, 60.0084, 62.6369



94.4542, 99.7400, 106.7433



55.8669, 58.2712, 62.3366



20.2234, 21.3512, 22.8702



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.



56.5320, 60.0084, 62.6369



93.2803, 99.2272, 102.5155



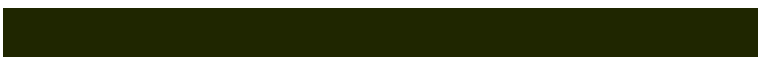
55.8569, 59.6604, 62.6053



12.3394, 13.1603, 13.4253



23.1854, 32.1278, 4.9793



1.2536, 1.6871, 0.2596

Inverse Universe

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



55.1442, 57.4874, 65.3196



90.4437, 94.0743, 107.9990



55.8171, 57.8343, 65.3511



11.8755, 12.3176, 14.3220



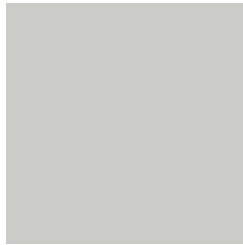
7.4952, 3.0714, 36.1541



0.4499, 0.1911, 1.8681

Previews

White Background



This preview shows how the XYZ color 56.5303, 60.0058, 62.6356 looks on a white background.

Color Contrast Check

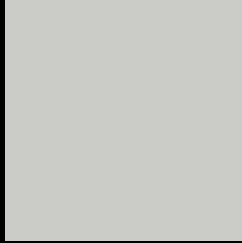
Large Text (above 18pt) WCAG AA × Fail

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 56.5303, 60.0058, 62.6356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

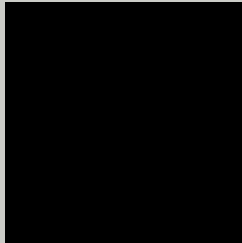
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

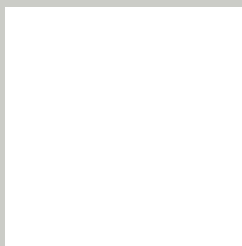
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5303, 60.0058, 62.6356

Background



This preview shows how black text looks on a background with the XYZ color 56.5303, 60.0058, 62.6356.



This preview shows how white text looks on a background with the XYZ color 56.5303, 60.0058,

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

56.5303, 60.0058, 62.6356

Protanopia

57.3260, 59.7282, 61.9334

Deuteranopia

61.1320, 59.9499, 62.9931



Tritanopia

58.8646, 59.9049, 74.1059

Trichromacy



Original Color

56.5303, 60.0058, 62.6356

Protanomaly

57.0026, 59.9109, 61.9857

Deuteranomaly

59.3985, 60.0776, 63.1091

Tritanomaly

57.9302, 59.8733, 69.4762

Monochromacy



Original Color

56.5303, 60.0058, 62.6356

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 56.5303, 60.0058, 62.6356 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(203, 204, 199)` looks like.

```
.text, #text, p{  
    color:rgb(203, 204, 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(203, 204, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 204, 199) }
```

Border

The CSS property to change the border of an element to XYZ 56.5303, 60.0058, 62.6356 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(203, 204, 199) }
```


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

```
.border{ border-color:rgb(203, 204, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 204, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 204, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 204, 199);  
box-shadow:4px 4px 4px 4px rgb(203, 204,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5303, 60.0058, 62.6356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 204, 199) }
```

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

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