

Converting Colors

XYZ(56.0774, 59.6883, 63.5089)

Have a look what the booklet for
XYZ(56.0774, 59.6883, 63.5089)
contains.

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Color

**XYZ(56.1056, 59.7734,
63.2239)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CCC8
RGB	201, 204, 200
RGB Percent	79%, 80%, 78%
CMY	0.2118, 0.2000, 0.2157
CMYK	0.01, 0.00, 0.02, 0.20
HSL	105°, 4%, 79%
HSV	105°, 2%, 80%
XYZ	56.1056, 59.7734, 63.2239
YIQ	202.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

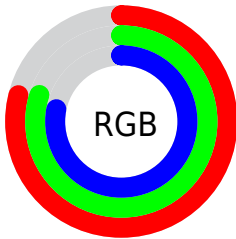
Format	Color
R _{YB}	200, 204, 203
Decimal	13225160
CIE Lab	81.71, -1.75, 1.62
CIE LCh	82, 2.388, 137.295
Yxy	59.7734, 0.3133, 0.3337
Android (android.graphics.Color)	4291415240 (0xFFC9CCC8)
YUV	202.6470, -1.3050, -1.4444
Hunter-Lab	77.3133, -5.7622, 5.6341

Details

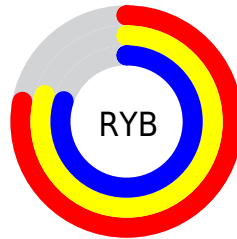
The XYZ color **56.1056, 59.7734, 63.2239** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1843, 58.3663, 65.4344**, and the grayscale version is **56.5530, 59.4982, 64.7935**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.1273, 30.0911, 31.5198** is the 20% darker color. If you saturate the color by 10%, you get **49.9675, 56.8682, 51.3103**, and if you desaturate by 10%, it is **62.9752, 63.0224, 76.8350**.

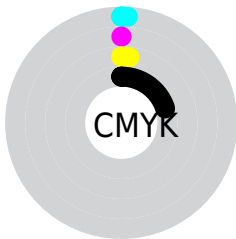
Distribution



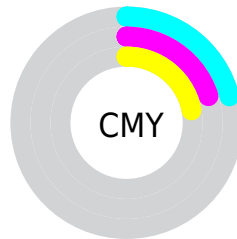
- Red (79%)
- Green (80%)
- Blue (78%)



- Red (78%)
- Yellow (80%)
- Blue (80%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (21%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1056, 59.7734, 63.2239 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 56.1056, 59.7734, 63.2239 by changing the saturation by 10% instead.

■ 56.1056, 59.7734,
63.2239

■ 56.1056, 59.7734,
63.2239

400.1579,
423.7620, 454.5119

■ 40.5249, 43.2360,
45.5802

98.2979, 104.5009,
111.0812

■ 28.1341, 30.0703,
31.5684

125.6402,
133.4598, 142.1318

■ 18.5677, 19.8920,
20.7700

157.6338,
167.3280, 178.4885

■ 11.4605, 12.3166,
12.7664

194.6439,
206.4898, 220.5698

■ 6.4470, 6.9596,
7.1390

237.0361,
251.3298, 268.7943

■ 3.1620, 3.4369,
3.4694

285.1756,

■ 1.2400, 1.3638,

302.2322, 323.5804

1.3390

339.4277,
359.5815, 385.3468

■ 0.1376, 0.1898,
0.0935

■ 0.0000, 0.0000,
0.0000

■ 56.1056, 59.7734,
63.2239

■ 56.1056, 59.7734,
63.2239

■ 49.9675, 56.8682,
51.3103

■ 62.9752, 63.0224,
76.8350

■ 44.5316, 54.2879,
41.0237

■ 70.5947, 66.6181,
92.2023

■ 39.7735, 52.0233,
32.2947

■ 77.9728, 70.1673,
104.0418

■ 35.6660, 50.0619,
25.0474

■ 80.8840, 71.6681,
104.1780

■ 32.1795, 48.3904,
19.1993

■ 29.2823, 46.9943,
14.6600

■ 26.9396, 45.8579,
11.3284

■ 25.1126, 44.9638,
9.0889

■ 23.7566, 44.2918,
7.8030

Harmonies

Analogous

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



56.5260, 59.7734, 62.4761



56.1056, 59.7734, 63.2239



55.8753, 59.7734, 64.4762

Triad

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



56.1056, 59.7734, 63.2239



56.6005, 59.7734, 67.8206



57.7406, 59.7734, 64.2637

Complementary

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



56.1056, 59.7734, 63.2239



56.1843, 58.3663, 65.4344

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.



57.7608, 59.7734, 65.6937



56.1056, 59.7734, 63.2239



57.1006, 59.7734, 67.7616

Square

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



56.1056, 59.7734, 63.2239



56.1599, 59.7734, 67.1382



57.5260, 59.7734, 66.9783



57.4708, 59.7734, 63.0703

Rectangle

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



56.1056, 59.7734, 63.2239



55.8596, 59.7734, 65.4351



57.5260, 59.7734, 66.9783



57.7768, 59.7734, 64.7323

Sweetspot

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



56.1073, 59.7760, 63.2252



93.9418, 99.4758, 106.7193



56.6856, 59.7221, 63.1843



20.1191, 21.2974, 22.8653



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.



56.1073, 59.7760, 63.2252



92.8459, 98.9574, 104.5675



55.9567, 59.6848, 63.8308



12.3573, 13.1582, 13.9349



14.5212, 27.6612, 4.5738



0.8207, 1.4639, 0.2393

Inverse Universe

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



56.1843, 58.3663, 65.4344



92.9775, 96.5483, 108.3430



56.3378, 58.4593, 64.8169



12.3735, 12.8611, 14.4007



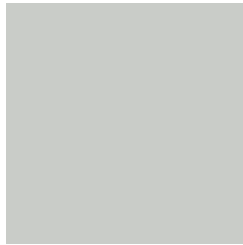
15.2234, 7.0555, 36.5158



0.8521, 0.3984, 1.8869

Previews

White Background



This preview shows how the XYZ color 56.1056, 59.7734, 63.2239 looks on a white background.

Color Contrast Check

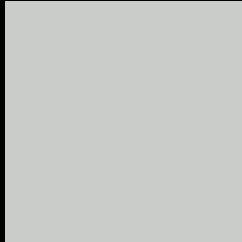
Large Text (above 18pt) WCAG AA × Fail

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 56.1056, 59.7734, 63.2239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

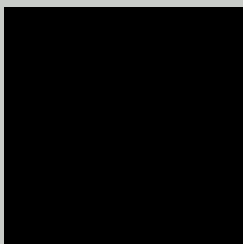
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

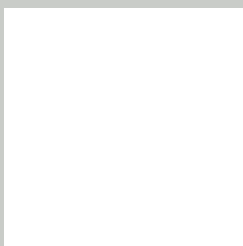
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1056, 59.7734, 63.2239

Background



This preview shows how black text looks on a background with the XYZ color 56.1056, 59.7734, 63.2239.



This preview shows how white text looks on a background with the XYZ color 56.1056, 59.7734,

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

56.1056, 59.7734, 63.2239

Protanopia

57.1615, 59.6300, 62.5298

Deuteranopia

60.8320, 59.4321, 64.1425



Tritanopia

58.3129, 59.6204, 74.0801

Trichromacy



Original Color

56.1056, 59.7734, 63.2239

Protanomaly

56.8416, 59.8145, 62.5823

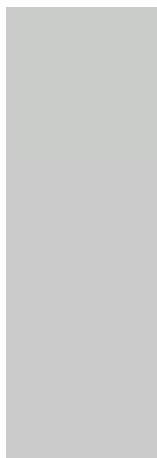
Deuteranomaly

58.9904, 59.5110, 63.6360

Tritanomaly

57.5070, 59.6407, 70.1089

Monochromacy



Original Color

56.1056, 59.7734, 63.2239

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.3737, 59.5327, 64.3969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1056, 59.7734, 63.2239 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(201, 204, 200) looks like.

```
.text, #text, p{  
    color:rgb(201, 204, 200)  
}
```

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(201, 204, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 204, 200) }
```

Border

The CSS property to change the border of an element to XYZ 56.1056, 59.7734, 63.2239 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(201, 204, 200) }
```


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

```
.border{ border-color:rgb(201, 204, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 204, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 204, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 204, 200);  
box-shadow:4px 4px 4px 4px rgb(201, 204,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1056, 59.7734, 63.2239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 204, 200) }
```

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

```
.background{ background-color: rgb(201,  
204, 200) }
```

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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