

Converting Colors

XYZ(56.8022, 59.9567, 63.2234)

Have a look what the booklet for
XYZ(56.8022, 59.9567, 63.2234)
contains.

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Color

**XYZ(56.9200, 60.1932,
63.2620)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCCC8
RGB	204, 204, 200
RGB Percent	80%, 80%, 78%
CMY	0.2000, 0.2000, 0.2157
CMYK	0.00, 0.00, 0.02, 0.20
HSL	60°, 4%, 79%
HSV	60°, 2%, 80%
XYZ	56.9200, 60.1932, 63.2620
YIQ	203.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

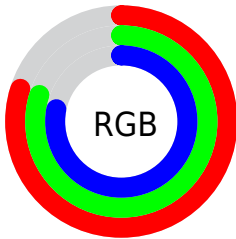
Format	Color
R _Y B	200, 204, 200
Decimal	13421768
CIE Lab	81.94, -0.72, 1.98
CIE LCh	82, 2.106, 109.961
Yxy	60.1932, 0.3156, 0.3337
Android (android.graphics.Color)	4291611848 (0xFFCCCCC8)
YUV	203.5440, -1.7472, 0.3999
Hunter-Lab	77.5843, -4.8153, 5.9641

Details

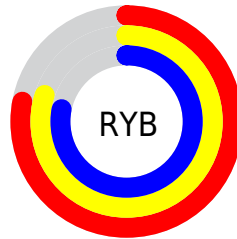
The XYZ color **56.9200, 60.1932, 63.2620** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3751, 57.9491, 65.3965**, and the grayscale version is **57.1183, 60.0929, 65.4412**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.6723, 30.3720, 31.5453** is the 20% darker color. If you saturate the color by 10%, you get **54.6886, 59.3020, 51.5312**, and if you desaturate by 10%, it is **59.4729, 61.2169, 76.6710**.

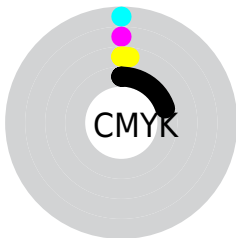
Distribution



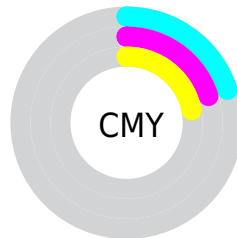
- Red (80%)
- Green (80%)
- Blue (78%)



- 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 56.9200, 60.1932, 63.2620 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 56.9200, 60.1932, 63.2620 by changing the saturation by 10% instead.

■ 56.9200, 60.1932,
63.2620

■ 56.9200, 60.1932,
63.2620

403.1685,
425.3095, 454.6538

■ 41.1809, 43.5744,
45.6108

99.4805, 105.1099,
111.1366

■ 28.6488, 30.3360,
31.5924

127.0326,
134.1765, 142.1972

■ 18.9582, 20.0938,
20.7881

159.2530,
168.1612, 178.5646

■ 11.7439, 12.4632,
12.7795

196.5073,
207.4484, 220.6575

■ 6.6405, 7.0600,
7.1479

239.1605,
252.4224, 268.8943

■ 3.2826, 3.4996,
3.4749

287.5783,

■ 1.3049, 1.3978,

303.4677, 323.6936

1.3420

342.1258,
360.9686, 385.4739

■ 0.1869, 0.2151,
0.0958

■ 0.0000, 0.0000,
0.0000

■ 56.9200, 60.1932,
63.2620

■ 56.9200, 60.1932,
63.2620

■ 54.6886, 59.3020,
51.5312

■ 59.4729, 61.2169,
76.6710

■ 52.7613, 58.5304,
41.4088

■ 62.3542, 62.3700,
91.8166

■ 51.1263, 57.8758,
32.8260

■ 64.5617, 63.2536,
103.4141

■ 49.7694, 57.3325,
25.7074

■ 64.5669, 63.2563,
103.4144

■ 48.6749, 56.8941,
19.9712

■ 64.5720, 63.2589,
103.4146

■ 47.8260, 56.5539,
15.5278

■ 64.5772, 63.2616,
103.4149

■ 47.2035, 56.3044,
12.2768

■ 64.5824, 63.2642,
103.4151

■ 46.7857, 56.1366,
10.1032

■ 64.5875, 63.2669,
103.4153

■ 46.5463, 56.0403,
8.8695

■ 64.5927, 63.2696,
103.4156

Harmonies

Analogous

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



57.3612, 60.1932, 63.1548



56.9200, 60.1932, 63.2620



56.5587, 60.1932, 63.9751

Triad

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



56.9200, 60.1932, 63.2620



56.6627, 60.1932, 67.4357



58.0592, 60.1932, 65.9686

Complementary

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



56.9200, 60.1932, 63.2620



55.3751, 57.9491, 65.3965

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.



57.8699, 60.1932, 67.1305



56.9200, 60.1932, 63.2620



57.0627, 60.1932, 67.9848

Square

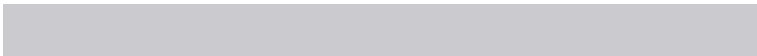
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.9200, 60.1932, 63.2620



56.4107, 60.1932, 66.3809



57.5047, 60.1932, 67.8724



58.0205, 60.1932, 64.7065

Rectangle

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



56.9200, 60.1932, 63.2620



56.4111, 60.1932, 64.7034



57.5047, 60.1932, 67.8724



58.0201, 60.1932, 66.3841

Sweetspot

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



56.9217, 60.1958, 63.2633



94.6412, 99.8364, 106.7520



55.9833, 58.3175, 62.9502



20.2614, 21.3708, 22.8720



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.



56.9217, 60.1958, 63.2633



94.2379, 99.6750, 104.6326



56.3775, 59.9153, 63.2378



12.5290, 13.2467, 13.9430



29.2323, 35.2451, 5.2623



1.5084, 1.8184, 0.2715

Inverse Universe

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



55.3751, 57.9491, 65.3965



91.5947, 95.8355, 108.2783



55.9123, 58.2261, 65.4217



12.2029, 12.7731, 14.3927



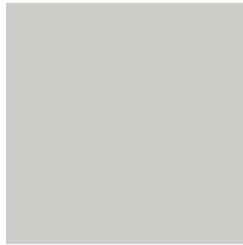
6.8619, 2.7450, 36.1244



0.3543, 0.1418, 1.8636

Previews

White Background



This preview shows how the XYZ color 56.9200, 60.1932, 63.2620 looks on a white background.

Color Contrast Check

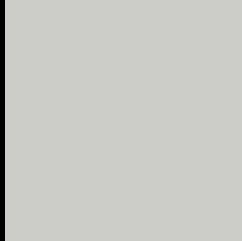
Large Text (above 18pt) WCAG AA × Fail

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 56.9200, 60.1932, 63.2620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

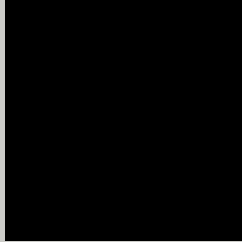
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9200, 60.1932, 63.2620

Background



This preview shows how black text looks on a background with the XYZ color 56.9200, 60.1932, 63.2620.



This preview shows how white text looks on a background with the XYZ color 56.9200, 60.1932,

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

56.9200, 60.1932, 63.2620

Protanopia

57.6772, 60.2453, 62.6214

Deuteranopia

61.2493, 59.9968, 63.6107



Tritanopia

59.1432, 60.0484, 74.1190

Trichromacy



Original Color

56.9200, 60.1932, 63.2620

Protanomaly

57.3969, 60.1008, 62.6083

Deuteranomaly

59.8122, 60.2773, 63.7406

Tritanomaly

58.3320, 60.0660, 70.1475

Monochromacy



Original Color

56.9200, 60.1932, 63.2620

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.2742, 60.3349, 65.1270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9200, 60.1932, 63.2620 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, 204, 200) looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 204, 200) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 56.9200, 60.1932, 63.2620 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, 204, 200) }
```


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

```
.border{ border-color:rgb(204, 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(204, 204, 200) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 56.9200, 60.1932, 63.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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