

Converting Colors

XYZ(56.3420, 59.4463, 62.4771)

Have a look what the booklet for
XYZ(56.3420, 59.4463, 62.4771)
contains.

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Color

**XYZ(56.2933, 59.5319,
62.5567)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCBC7
RGB	203, 203, 199
RGB Percent	80%, 80%, 78%
CMY	0.2039, 0.2039, 0.2196
CMYK	0.00, 0.00, 0.02, 0.20
HSL	60°, 4%, 79%
HSV	60°, 2%, 80%
XYZ	56.2933, 59.5319, 62.5567
YIQ	202.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

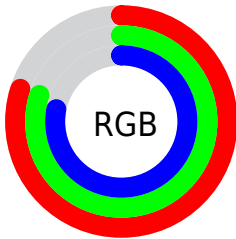
Format	Color
R_{YB}	199, 203, 199
Decimal	13355975
CIE Lab	81.58, -0.72, 1.98
CIE LCh	82, 2.108, 109.963
Yxy	59.5319, 0.3156, 0.3337
Android (android.graphics.Color)	4291546055 (0xFFCBCBC7)
YUV	202.5440, -1.7472, 0.3999
Hunter-Lab	77.1569, -4.7919, 5.9391

Details

The XYZ color **56.2933, 59.5319, 62.5567** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7585, 57.3024, 64.6774**, and the grayscale version is **56.4904, 59.4323, 64.7217**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.2527, 29.9288, 31.0758** is the 20% darker color. If you saturate the color by 10%, you get **54.0870, 58.6507, 50.9595**, and if you desaturate by 10%, it is **58.8174, 60.5441, 75.8127**.

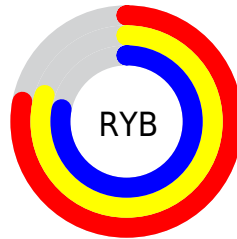
Distribution



Red (80%)

Green (80%)

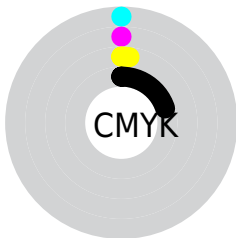
Blue (78%)



Red (78%)

Yellow (80%)

Blue (78%)

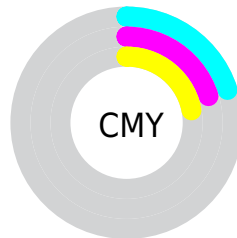


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2933, 59.5319, 62.5567 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 56.2933, 59.5319, 62.5567 by changing the saturation by 10% instead.

■ 56.2933, 59.5319,
62.5567

■ 56.2933, 59.5319,
62.5567

400.8530,
422.8702, 452.0224

■ 40.6761, 43.0414,
45.0440

98.5706, 104.1503,
110.1091

■ 28.2526, 29.9176,
31.1489

125.9614,
133.0471, 140.9859

■ 18.6576, 19.7761,
20.4528

158.0074,
166.8481, 177.1544

■ 11.5257, 12.2324,
12.5373

195.0739,
205.9377, 219.0332

■ 6.4915, 6.9021,
6.9837

237.5264,
250.7003, 267.0409

■ 3.1896, 3.4010,
3.3736

285.7302,

■ 1.2548, 1.3445,

301.5203, 321.5960

1.2884

340.0506,
358.7822, 383.1170

■ 0.1490, 0.1753,
0.0523

■ 0.0000, 0.0000,
0.0000

■ 56.2933, 59.5319,
62.5567

■ 56.2933, 59.5319,
62.5567

■ 54.0870, 58.6507,
50.9595

■ 58.8174, 60.5441,
75.8127

■ 52.1812, 57.8877,
40.9520

■ 61.6661, 61.6842,
90.7849

■ 50.5644, 57.2403,
32.4662

■ 64.0523, 62.6393,
103.3224

■ 49.2223, 56.7029,
25.4276

■ 64.0578, 62.6421,
103.3227

■ 48.1398, 56.2693,
19.7555

■ 64.0632, 62.6449,
103.3229

■ 47.2999, 55.9327,
15.3611

■ 64.0687, 62.6477,
103.3232

■ 46.6839, 55.6856,
12.1455

■ 64.0741, 62.6505,
103.3234

■ 46.2701, 55.5195,
9.9950

■ 64.0795, 62.6533,
103.3237

■ 46.0328, 55.4239,
8.7736

■ 64.0850, 62.6561,
103.3239

Harmonies

Analogous

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



56.7317, 59.5319, 62.4502



56.2933, 59.5319, 62.5567



55.9344, 59.5319, 63.2652

Triad

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



56.2933, 59.5319, 62.5567



56.0377, 59.5319, 66.7037



57.4252, 59.5319, 65.2457

Complementary

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



56.2933, 59.5319, 62.5567



54.7585, 57.3024, 64.6774

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.



57.2372, 59.5319, 66.4003



56.2933, 59.5319, 62.5567



56.4351, 59.5319, 67.2493

Square

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



56.2933, 59.5319, 62.5567



55.7873, 59.5319, 65.6556



56.8743, 59.5319, 67.1375



57.3868, 59.5319, 63.9918

Rectangle

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



56.2933, 59.5319, 62.5567



55.7877, 59.5319, 63.9888



56.8743, 59.5319, 67.1375



57.3864, 59.5319, 65.6586

Sweetspot

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



56.2950, 59.5345, 62.5580



94.6412, 99.8364, 106.7520



55.3627, 57.6683, 62.2469



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.



56.2950, 59.5345, 62.5580



94.2378, 99.6749, 104.6326



55.7544, 59.2558, 62.5327



12.5289, 13.2467, 13.9430



29.2302, 35.2440, 5.2622



1.5083, 1.8184, 0.2715

Inverse Universe

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



54.7585, 57.3024, 64.6774



91.5949, 95.8355, 108.2783



55.2921, 57.5775, 64.7024



12.2029, 12.7731, 14.3927



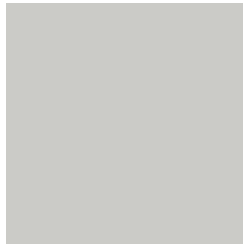
6.8621, 2.7451, 36.1245



0.3544, 0.1418, 1.8636

Previews

White Background



This preview shows how the XYZ color 56.2933, 59.5319, 62.5567 looks on a white background.

Color Contrast Check

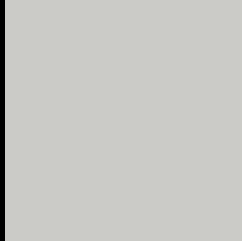
Large Text (above 18pt) WCAG AA × Fail

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 56.2933, 59.5319, 62.5567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

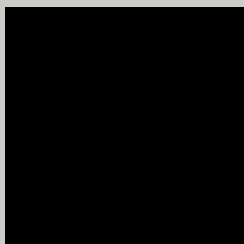
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

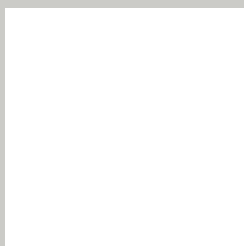
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2933, 59.5319, 62.5567

Background



This preview shows how black text looks on a background with the XYZ color 56.2933, 59.5319, 62.5567.



This preview shows how white text looks on a background with the XYZ color 56.2933, 59.5319,

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

56.2933, 59.5319, 62.5567

Protanopia

57.0457, 59.5837, 61.9202

Deuteranopia

60.5967, 59.3380, 62.9032



Tritanopia

58.5025, 59.3882, 73.3454

Trichromacy



Original Color

56.2933, 59.5319, 62.5567

Protanomaly

56.7672, 59.4401, 61.9072

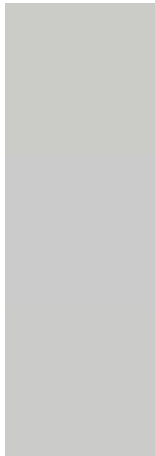
Deuteranomaly

59.1677, 59.6159, 63.0321

Tritanomaly

57.6963, 59.4056, 69.3983

Monochromacy



Original Color

56.2933, 59.5319, 62.5567

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 56.2933, 59.5319, 62.5567 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, 203, 199) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 56.2933, 59.5319, 62.5567 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, 203, 199) }
```


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

```
.border{ border-color:rgb(203, 203, 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, 203, 199)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 56.2933, 59.5319, 62.5567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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