

Converting Colors

XYZ(54.5971, 56.5679, 63.3003)

Have a look what the booklet for
XYZ(54.5971, 56.5679, 63.3003)
contains.

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Color

**XYZ(54.5963, 56.5671,
63.2993)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C5C9
RGB	201, 197, 201
RGB Percent	79%, 77%, 79%
CMY	0.2118, 0.2274, 0.2118
CMYK	0.00, 0.02, 0.00, 0.21
HSL	300°, 4%, 78%
HSV	300°, 2%, 79%
XYZ	54.5963, 56.5671, 63.2993
YIQ	198.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

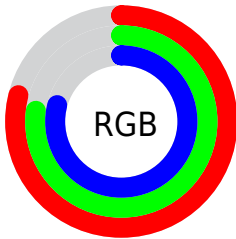
Format	Color
R_{YB}	201, 197, 201
Decimal	13223369
CIE Lab	79.94, 2.12, -1.51
CIE LCh	80, 2.605, 324.453
Yxy	56.5671, 0.3129, 0.3242
Android (android.graphics.Color)	4291413449 (0xFFC9C5C9)
YUV	198.6520, 1.1576, 2.0592
Hunter-Lab	75.2111, -2.0450, 2.7480

Details

The XYZ color **54.5963, 56.5671, 63.2993** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9928, 57.6764, 61.1133**, and the grayscale version is **54.0676, 56.8833, 61.9460**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **27.1215, 27.9545, 31.5701** is the 20% darker color. If you saturate the color by 10%, you get **50.3338, 48.0414, 61.8787**, and if you desaturate by 10%, it is **59.4706, 66.3147, 64.9252**.

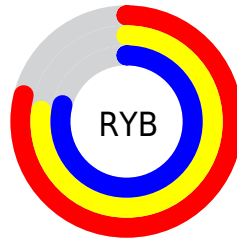
Distribution



Red (79%)

Green (77%)

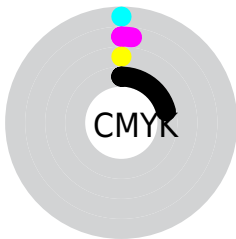
Blue (79%)



Red (79%)

Yellow (77%)

Blue (79%)

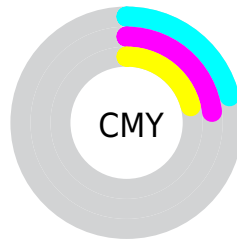


Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (21%)



Cyan (21%)

Magenta (23%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5963, 56.5671, 63.2993 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 54.5963, 56.5671, 63.2993 by changing the saturation by 10% instead.

■ 54.5963, 56.5671,
63.2993

■ 54.5963, 56.5671,
63.2993

394.5412,
411.8252, 454.7927

■ 39.3112, 40.6578,
45.6408

96.1010, 99.8333,
111.1909

■ 27.1837, 28.0518,
31.6159

123.0513,
127.9589, 142.2612

■ 17.8485, 18.3647,
20.8059

154.6206,
160.9254, 178.6391

■ 10.9403, 11.2121,
12.7923

191.1744,
199.1172, 220.7432

■ 6.0937, 6.2097,
7.1567

233.0780,
242.9187, 268.9921

■ 2.9434, 2.9730,
3.4803

280.6968,

■ 1.1239, 1.1177,

292.7143, 323.8043

1.3448

334.3960,
348.8883, 385.5983

■ 0.0450, 0.0000,
0.0981

■ 0.0000, 0.0000,
0.0000

■ 54.5963, 56.5671,
63.2993

■ 54.5963, 56.5671,
63.2993

■ 50.3338, 48.0414,
61.8787

■ 59.4706, 66.3147,
64.9252

■ 46.6543, 40.6826,
60.6517

■ 64.9744, 77.3221,
66.7603

■ 43.5340, 34.4421,
59.6111

■ 70.3908, 88.1549,
68.5663

■ 40.9454, 29.2652,
58.7478

■ 70.3909, 88.1550,
68.5668

■ 38.8591, 25.0927,
58.0519

■ 70.3910, 88.1550,
68.5673

■ 37.2423, 21.8593,
57.5125

■ 70.3911, 88.1550,
68.5678

■ 36.0588, 19.4924,
57.1175

■ 70.3912, 88.1551,
68.5683

■ 35.2668, 17.9086,
56.8530

■ 70.3913, 88.1551,
68.5688

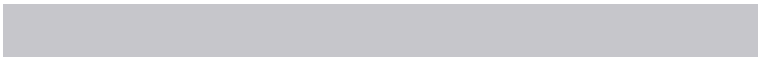
■ 34.8165, 17.0081,
56.7024

■ 70.3914, 88.1552,
68.5694

Harmonies

Analogous

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



54.1870, 56.5671, 64.2791



54.5963, 56.5671, 63.2993



54.7830, 56.5671, 61.8737

Triad

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



54.5963, 56.5671, 63.2993



53.8636, 56.5671, 58.7407



52.8457, 56.5671, 62.8044

Complementary

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



54.5963, 56.5671, 63.2993



53.9928, 57.6764, 61.1133

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.



52.7603, 56.5671, 61.3111



54.5963, 56.5671, 63.2993



53.3458, 56.5671, 58.9808

Square

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



54.5963, 56.5671, 63.2993



54.3582, 56.5671, 59.2545



52.9428, 56.5671, 59.9156



53.1768, 56.5671, 63.9901

Rectangle

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



54.5963, 56.5671, 63.2993



54.7553, 56.5671, 60.8685



52.9428, 56.5671, 59.9156



52.7874, 56.5671, 62.3211

Sweetspot

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



54.5979, 56.5695, 63.3005



94.2419, 98.3838, 108.6305



53.5374, 56.0228, 63.2510



20.1802, 21.0752, 23.2542



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.



54.5979, 56.5695, 63.3005



93.4445, 96.7891, 108.3647



54.3643, 56.4761, 62.0704



11.7860, 12.2224, 13.6554



21.7734, 10.4589, 35.6124



1.0310, 0.4952, 1.6863

Inverse Universe

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



54.5979, 56.5695, 63.3005



93.4445, 96.7891, 108.3647



54.2234, 57.7686, 62.3273



11.7860, 12.2224, 13.6554



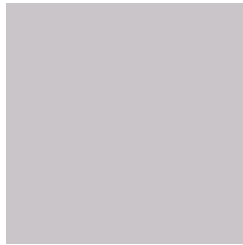
21.7734, 10.4589, 35.6124



1.0310, 0.4952, 1.6863

Previews

White Background



This preview shows how the XYZ color 54.5963, 56.5671, 63.2993 looks on a white background.

Color Contrast Check

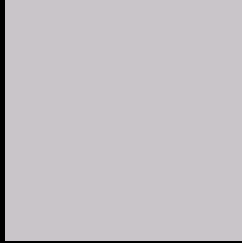
Large Text (above 18pt) WCAG AA × Fail

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 54.5963, 56.5671, 63.2993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

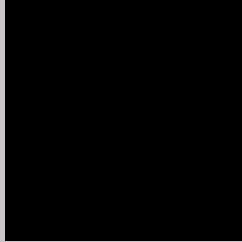
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

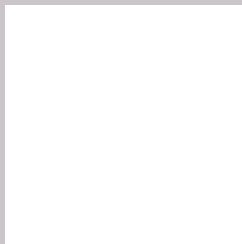
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.5963, 56.5671, 63.2993

Background



This preview shows how black text looks on a background with the XYZ color 54.5963, 56.5671, 63.2993.

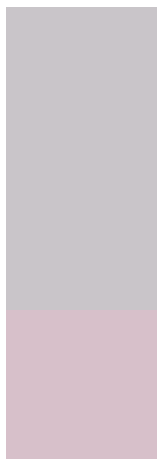


This preview shows how white text looks on a background with the XYZ color 54.5963, 56.5671,

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

54.5963, 56.5671, 63.2993

Protanopia

54.5963, 56.5671, 63.2993

Deuteranopia

57.5346, 56.4106, 63.7331



Tritanopia

55.9016, 56.4299, 69.5737

Trichromacy



Original Color

54.5963, 56.5671, 63.2993

Protanomaly

54.5963, 56.5671, 63.2993

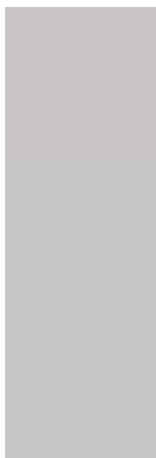
Deuteranomaly

56.5308, 56.5495, 63.8128

Tritanomaly

55.3595, 56.5414, 67.0273

Monochromacy



Original Color

54.5963, 56.5671, 63.2993

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.4388, 56.8377, 62.7451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5963, 56.5671, 63.2993 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, 197, 201) looks like.

```
.text, #text, p{  
    color:rgb(201, 197, 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(201, 197, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 197, 201) }
```

Border

The CSS property to change the border of an element to XYZ 54.5963, 56.5671, 63.2993 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, 197, 201) }
```


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

```
.border{ border-color:rgb(201, 197, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 197, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 197, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 197, 201);  
box-shadow:4px 4px 4px 4px rgb(201, 197,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5963, 56.5671, 63.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 197, 201) }
```

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

```
.background{ background-color: rgb(201,  
197, 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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