

# Converting Colors

XYZ(54.3934, 56.2072, 63.1365)

Have a look what the booklet for  
XYZ(54.3934, 56.2072, 63.1365)  
contains.

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# Color

**XYZ(54.3699, 56.1144,  
63.2239)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9C4C9
RGB	201, 196, 201
RGB Percent	79%, 77%, 79%
CMY	0.2118, 0.2314, 0.2118
CMYK	0.00, 0.02, 0.00, 0.21
HSL	300°, 4%, 78%
HSV	300°, 2%, 79%
XYZ	54.3699, 56.1144, 63.2239
YIQ	198.0650, 1.3750, 2.6150

# Conversions

## Conversions Part 2

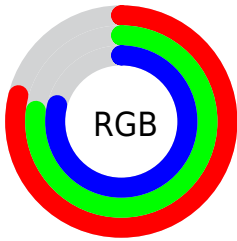
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 196, 201
Decimal	13223113
CIE Lab	79.68, 2.65, -1.89
CIE LCh	80, 3.255, 324.497
Yxy	56.1144, 0.3130, 0.3230
Android (android.graphics.Color)	4291413193 (0xFFC9C4C9)
YUV	198.0650, 1.4470, 2.5740
Hunter-Lab	74.9095, -1.5351, 2.3957

# Details

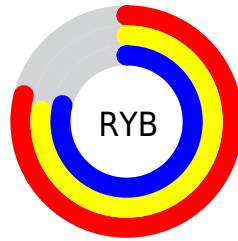
The XYZ color **54.3699, 56.1144, 63.2239** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6176, 57.4961, 60.4993**, and the grayscale version is **53.7082, 56.5053, 61.5342**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **26.9721, 27.6556, 31.5203** is the 20% darker color. If you saturate the color by 10%, you get **50.1369, 47.6480, 61.8137**, and if you desaturate by 10%, it is **59.2135, 65.8004, 64.8390**.

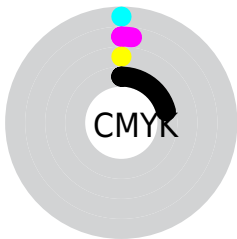
# Distribution



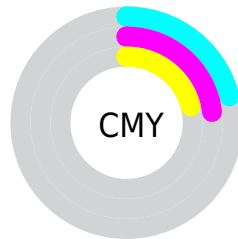
- Red (79%)
- Green (77%)
- Blue (79%)



- 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 54.3699, 56.1144, 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 54.3699, 56.1144, 63.2239 by changing the saturation by 10% instead.



■ 54.3699, 56.1144,  
63.2239

■ 54.3699, 56.1144,  
63.2239

393.6944,  
410.1225, 454.5119

■ 39.1293, 40.2947,  
45.5802

95.7709, 99.1718,  
111.0812

■ 27.0415, 27.7684,  
31.5684

122.6619,  
127.1783, 142.1318

■ 17.7412, 18.1511,  
20.7700

154.1672,  
160.0158, 178.4885

■ 10.8629, 11.0585,  
12.7664

190.6521,  
198.0687, 220.5698

■ 6.0413, 6.1062,  
7.1390

232.4819,  
241.7214, 268.7943

■ 2.9111, 2.9098,  
3.4694

280.0220,

■ 1.1069, 1.0848,

291.3584, 323.5804

1.3390

333.6377,  
347.3639, 385.3468

■ 0.0309, 0.0000,  
0.0935

■ 0.0000, 0.0000,  
0.0000

■ 54.3699, 56.1144,  
63.2239

■ 54.3699, 56.1144,  
63.2239

■ 50.1369, 47.6480,  
61.8137

■ 59.2135, 65.8004,  
64.8390

■ 46.4858, 40.3460,  
60.5967

■ 64.6854, 76.7441,  
66.6630

■ 43.3925, 34.1596,  
59.5656

■ 70.3911, 88.1551,  
68.5648

■ 40.8295, 29.0341,  
58.7114

■ 70.3913, 88.1552,  
68.5648

38.7672, 24.9098,  
58.0240

70.3915, 88.1553,  
68.5648

37.1728, 21.7213,  
57.4926

70.3917, 88.1554,  
68.5648

36.0097, 19.3954,  
57.1049

70.3919, 88.1555,  
68.5648

35.2359, 17.8480,  
56.8471

70.3921, 88.1556,  
68.5649

34.8009, 16.9784,  
56.7021

70.3923, 88.1557,  
68.5649

# Harmonies

## Analogous

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



53.8605, 56.1144, 64.4501



54.3699, 56.1144, 63.2239



54.6022, 56.1144, 61.4466

# Triad

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



54.3699, 56.1144, 63.2239



53.4563, 56.1144, 57.5687



52.1939, 56.1144, 62.6112

# Complementary

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



54.3699, 56.1144, 63.2239



53.6176, 57.4961, 60.4993

# 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.



52.0877, 56.1144, 60.7528



54.3699, 56.1144, 63.2239



52.8130, 56.1144, 57.8662

# Square

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



54.3699, 56.1144, 63.2239



54.0719, 56.1144, 58.2013



52.3134, 56.1144, 59.0223



52.6049, 56.1144, 64.0914



# Rectangle

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



54.3699, 56.1144, 63.2239



54.5672, 56.1144, 60.1980



52.3134, 56.1144, 59.0223



52.1216, 56.1144, 62.0090

# Sweetspot

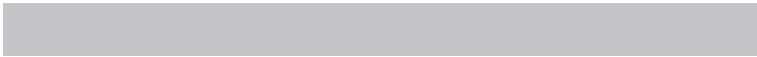
The Sweet Spot groups the original color and five complimentary colors.



54.3715, 56.1168, 63.2251



94.2419, 98.3838, 108.6306



53.0688, 55.4731, 63.1695



20.1802, 21.0752, 23.2543



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.



54.3715, 56.1168, 63.2251



92.6578, 95.2157, 108.1026



54.0896, 56.0041, 61.7404



11.6034, 11.8573, 13.5946



21.7728, 10.4585, 35.6155



1.0310, 0.4952, 1.6864



# Inverse Universe

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



53.7932, 55.8855, 60.1793



91.4505, 94.7329, 101.7447



53.8947, 57.6070, 61.9590



11.4168, 11.7826, 12.6119



15.1453, 7.8077, 0.7090

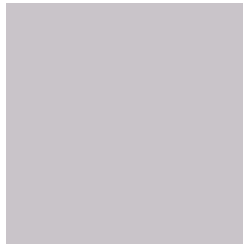


0.7171, 0.3697, 0.0336



# Previews

## White Background



This preview shows how the XYZ color 54.3699, 56.1144, 63.2239 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

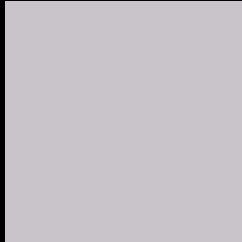
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.3699, 56.1144, 63.2239 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

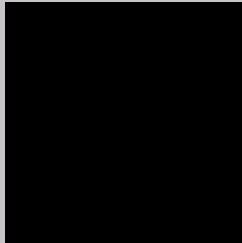
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 54.3699, 56.1144, 63.2239**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.3699, 56.1144, 63.2239.



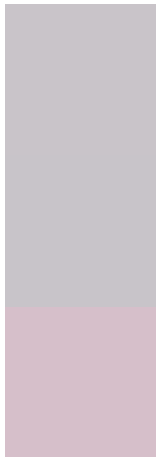
This preview shows how white text looks on a background with the XYZ color 54.3699, 56.1144,



# 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

54.3699, 56.1144, 63.2239

### Protanopia

54.1020, 55.9763, 63.2114

### Deuteranopia

57.0230, 55.8220, 63.6464



## Tritanopia

55.5051, 56.2399, 68.9027

# Trichromacy



## Original Color

54.3699, 56.1144, 63.2239

## Protanomaly

54.1020, 55.9763, 63.2114

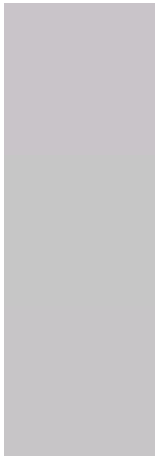
## Deuteranomaly

56.0251, 55.9595, 63.7255

## Tritanomaly

55.1347, 56.0918, 66.9524

# Monochromacy



## Original Color

54.3699, 56.1144, 63.2239

## Achromatopsia

53.6758, 56.4712, 61.4971

## Achromatomaly

53.8282, 56.1981, 62.0431

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.3699, 56.1144, 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, 196, 201) looks like.

```
.text, #text, p{  
    color:rgb(201, 196, 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, 196, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 196, 201) }
```

## Border

The CSS property to change the border of an element to XYZ 54.3699, 56.1144, 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, 196, 201) }
```



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

```
.border{ border-color:rgb(201, 196, 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, 196, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 196, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 196, 201);  
box-shadow:4px 4px 4px 4px rgb(201, 196,  
201) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.3699, 56.1144, 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, 196, 201) }
```

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

```
.background{ background-color: rgb(201,  
196, 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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