

# Converting Colors

XYZ(54.5231, 55.3807, 63.8479)

Have a look what the booklet for  
XYZ(54.5231, 55.3807, 63.8479)  
contains.

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# Color

**XYZ(54.5811, 55.5444,  
63.7215)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBC2CA
RGB	203, 194, 202
RGB Percent	80%, 76%, 79%
CMY	0.2039, 0.2392, 0.2078
CMYK	0.00, 0.04, 0.00, 0.20
HSL	307°, 8%, 78%
HSV	307°, 4%, 80%
XYZ	54.5811, 55.5444, 63.7215
YIQ	197.6030, 2.7960, 4.3960

# Conversions

## Conversions Part 2

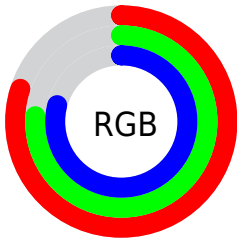
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	203, 194, 202
Decimal	13353674
CIE Lab	79.35, 4.59, -2.89
CIE LCh	79, 5.421, 327.815
Yxy	55.5444, 0.3140, 0.3195
Android (android.graphics.Color)	4291543754 (0xFFCBC2CA)
YUV	197.6030, 2.1677, 4.7332
Hunter-Lab	74.5281, 0.3013, 1.4768

# Details

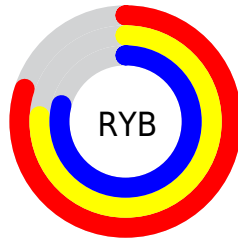
The XYZ color **54.5811, 55.5444, 63.7215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4566, 58.1229, 60.0341**, and the grayscale version is **53.4231, 56.2053, 61.2075**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **27.1178, 27.2838, 31.8540** is the 20% darker color. If you saturate the color by 10%, you get **50.1036, 47.0131, 60.9209**, and if you desaturate by 10%, it is **59.6829, 65.3164, 66.7508**.

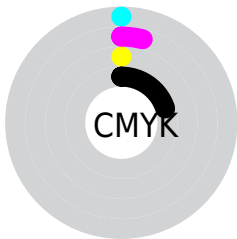
# Distribution



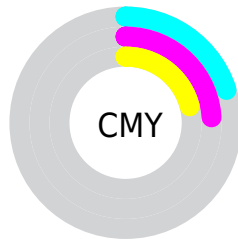
- Red (80%)
- Green (76%)
- Blue (79%)



- Red (80%)
- Yellow (76%)
- Blue (79%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (24%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5811, 55.5444, 63.7215 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 54.5811, 55.5444, 63.7215 by changing the saturation by 10% instead.



■ 54.5811, 55.5444,  
63.7215

■ 54.5811, 55.5444,  
63.7215

394.4844,  
407.9723, 456.3631

■ 39.2990, 39.8378,  
45.9804

■ 96.0788, 98.3381,  
111.8054

■ 27.1741, 27.4121,  
31.8818

123.0251,  
126.1940, 142.9852

■ 17.8413, 17.8829,  
21.0072

154.5902,  
158.8684, 179.4817

■ 10.9351, 10.8660,  
12.9379

191.1394,  
196.7457, 221.7134

■ 6.0902, 5.9768,  
7.2556

233.0380,  
240.2104, 270.0989

■ 2.9412, 2.8310,  
3.5416

280.6515,

■ 1.1227, 1.0441,

289.6468, 325.0566

1.3774

334.3452,  
345.4393, 387.0051

■ 0.0440, 0.0000,  
0.1240

■ 0.0000, 0.0000,  
0.0000

■ 54.5811, 55.5444,  
63.7215

■ 54.5811, 55.5444,  
63.7215

■ 50.1036, 47.0131,  
60.9209

■ 59.6829, 65.3164,  
66.7508

■ 46.2206, 39.6655,  
58.3370

■ 65.4276, 76.3688,  
70.0132

■ 42.9073, 33.4510,  
55.9621

■ 71.8391, 88.7485,  
73.5172

■ 40.1351, 28.3125,  
53.7866

■ 72.1504, 88.9213,  
75.0074

37.8729, 24.1878,  
51.8000

72.4354, 89.0353,  
76.5084

36.0864, 21.0086,  
49.9910

72.7245, 89.1509,  
78.0304

34.7373, 18.6980,  
48.3465

73.0175, 89.2681,  
79.5735

33.7811, 17.1670,  
46.8516

73.3146, 89.3869,  
81.1378

33.1637, 16.3077,  
45.4883

73.6157, 89.5074,  
82.7233

# Harmonies

## Analogous

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



53.7741, 55.5444, 65.9258



54.5811, 55.5444, 63.7215



54.9084, 55.5444, 60.7068

# Triad

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



54.5811, 55.5444, 63.7215



52.8730, 55.5444, 54.6948



50.9671, 55.5444, 63.3132

# Complementary

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



54.5811, 55.5444, 63.7215



53.4566, 58.1229, 60.0341

# 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.



50.7332, 55.5444, 60.2506



54.5811, 55.5444, 63.7215



51.8245, 55.5444, 55.3397

# Square

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



54.5811, 55.5444, 63.7215



53.9139, 55.5444, 55.5550



51.0449, 55.5444, 57.3473



51.6884, 55.5444, 65.6845



# Rectangle

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



54.5811, 55.5444, 63.7215



54.8072, 55.5444, 58.6664



51.0449, 55.5444, 57.3473



50.8293, 55.5444, 62.3273

# Sweetspot

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



54.5827, 55.5468, 63.7227



94.1963, 98.3655, 108.3904



52.5536, 54.4870, 64.2480



20.1709, 21.0715, 23.2054



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.



54.5827, 55.5468, 63.7227



90.8892, 92.0422, 106.3914



54.0692, 55.3414, 61.0188



12.0161, 12.1145, 14.0992



20.9654, 10.1968, 28.6004



1.0973, 0.5323, 1.5581



# Inverse Universe

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



54.5827, 55.5468, 63.7227



90.8892, 92.0422, 106.3914



53.9613, 58.3248, 62.6921



12.0161, 12.1145, 14.0992



20.9654, 10.1968, 28.6004

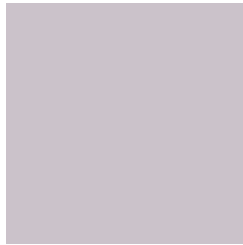


1.0973, 0.5323, 1.5581



# Previews

## White Background



This preview shows how the XYZ color 54.5811, 55.5444, 63.7215 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

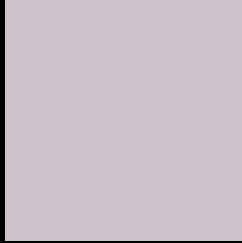
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.5811, 55.5444, 63.7215 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

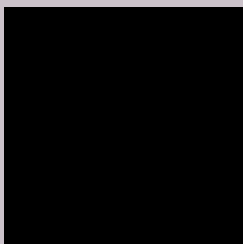
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

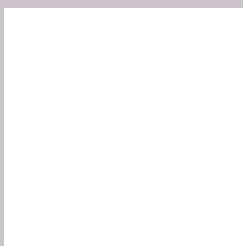
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 54.5811, 55.5444, 63.7215**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.5811, 55.5444, 63.7215.



This preview shows how white text looks on a background with the XYZ color 54.5811, 55.5444,



# 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

54.5811, 55.5444, 63.7215

### Protanopia

53.5833, 55.3478, 64.3590

### Deuteranopia

56.8509, 55.7195, 64.2585



## Tritanopia

55.3570, 55.5314, 67.4755

# Trichromacy



## Original Color

54.5811, 55.5444, 63.7215

## Protanomaly

54.1140, 55.6214, 64.3838

## Deuteranomaly

55.9236, 55.5664, 64.2778

## Tritanomaly

55.1124, 55.4335, 66.1875

# Monochromacy



## Original Color

54.5811, 55.5444, 63.7215

## Achromatopsia

53.6758, 56.4712, 61.4971

## Achromatomaly

54.0945, 56.3354, 62.0556

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.5811, 55.5444, 63.7215 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, 194, 202) looks like.

```
.text, #text, p{  
    color:rgb(203, 194, 202)  
}
```

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, 194, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 194, 202) }
```

## Border

The CSS property to change the border of an element to XYZ 54.5811, 55.5444, 63.7215 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, 194, 202) }
```



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

```
.border{ border-color:rgb(203, 194, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 194, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 194, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 194, 202);  
box-shadow:4px 4px 4px 4px rgb(203, 194,  
202) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.5811, 55.5444, 63.7215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 194, 202) }
```

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

```
.background{ background-color: rgb(203,  
194, 202) }
```

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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