

# Converting Colors

XYZ(54.4008, 55.4610, 64.6149)

Have a look what the booklet for  
XYZ(54.4008, 55.4610, 64.6149)  
contains.

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# Color

**XYZ(54.4284, 55.4519,  
64.3345)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAC2CB
RGB	202, 194, 203
RGB Percent	79%, 76%, 80%
CMY	0.2078, 0.2392, 0.2039
CMYK	0.00, 0.04, 0.00, 0.20
HSL	293°, 8%, 78%
HSV	293°, 4%, 80%
XYZ	54.4284, 55.4519, 64.3345
YIQ	197.4180, 1.8790, 4.4950

# Conversions

## Conversions Part 2

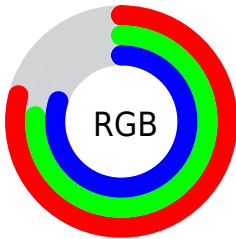
Format	Color
RYP	202, 194, 203
Decimal	13288139
CIELab	79.30, 4.43, -3.51
CIElCh	79, 5.653, 321.570
Yxy	55.4519, 0.3124, 0.3183
Android (android.graphics.Color)	4291478219 (0xFFCAC2CB)
YUV	197.4180, 2.7519, 4.0184
Hunter-Lab	74.4660, 0.1529, 0.9030

# Details

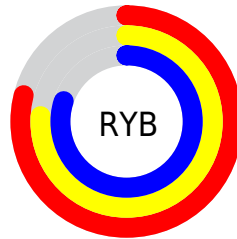
The XYZ color **54.4284, 55.4519, 64.3345** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6012, 58.2105, 59.4524**, and the grayscale version is **53.3080, 56.0841, 61.0756**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **27.0156, 27.2220, 32.2643** is the 20% darker color. If you saturate the color by 10%, you get **49.6101, 46.7143, 62.9027**, and if you desaturate by 10%, it is **59.8759, 65.4332, 65.9748**.

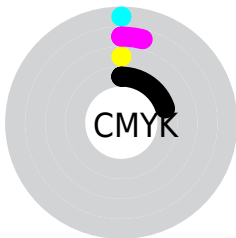
# Distribution



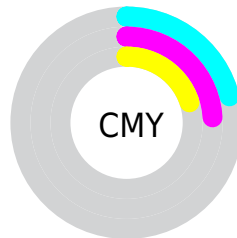
- Red (79%)
- Green (76%)
- Blue (80%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4284, 55.4519, 64.3345 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 54.4284, 55.4519, 64.3345 by changing the saturation by 10% instead.



■ 54.4284, 55.4519,  
64.3345

■ 54.4284, 55.4519,  
64.3345

393.9133,  
407.6226, 458.6372

■ 39.1763, 39.7636,  
46.4737

■ 95.8562, 98.2027,  
112.6966

■ 27.0782, 27.3543,  
32.2685

122.7626,  
126.0341, 144.0351

■ 17.7689, 17.8395,  
21.3001

154.2844,  
158.6820, 180.7032

■ 10.8829, 10.8348,  
13.1502

190.7871,  
196.5308, 223.1194

■ 6.0548, 5.9559,  
7.4001

232.6360,  
239.9648, 271.7024

■ 2.9194, 2.8183,  
3.6313

280.1964,

■ 1.1113, 1.0376,

289.3686, 326.8707

1.4254

333.8337,  
345.1264, 389.0428

■ 0.0345, 0.0000,  
0.1614

■ 0.0000, 0.0000,  
0.0000

■ 54.4284, 55.4519,  
64.3345

■ 54.4284, 55.4519,  
64.3345

■ 49.6101, 46.7143,  
62.9027

■ 59.8759, 65.4332,  
65.9748

■ 45.3915, 39.1634,  
61.6676

■ 65.9714, 76.6980,  
67.8279

■ 41.7474, 32.7487,  
60.6215

■ 72.7388, 89.2931,  
69.9023

■ 38.6494, 27.4129,  
59.7549

■ 73.4110, 89.6846,  
69.9424

36.0663, 23.0940,  
59.0574

74.0621, 90.0202,  
69.9729

33.9639, 19.7235,  
58.5176

74.7223, 90.3605,  
70.0038

32.3038, 17.2245,  
58.1228

75.3916, 90.7056,  
70.0351

31.0413, 15.5081,  
57.8580

76.0701, 91.0554,  
70.0669

30.1226, 14.4664,  
57.7054

76.7578, 91.4099,  
70.0990

# Harmonies

## Analogous

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



53.5094, 55.4519, 66.3605



54.4284, 55.4519, 64.3345



54.8873, 55.4519, 61.2959

# Triad

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



54.4284, 55.4519, 64.3345



53.0250, 55.4519, 54.4206



50.7076, 55.4519, 62.6979

# Complementary

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



54.4284, 55.4519, 64.3345



53.6012, 58.2105, 59.4524

# 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.



50.5821, 55.4519, 59.4687



54.4284, 55.4519, 64.3345



51.9094, 55.4519, 54.7658

# Square

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



54.4284, 55.4519, 64.3345



54.0694, 55.4519, 55.6263



51.0191, 55.4519, 56.5865



51.3644, 55.4519, 65.3923



# Rectangle

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



54.4284, 55.4519, 64.3345



54.8660, 55.4519, 59.1364



51.0191, 55.4519, 56.5865



50.6022, 55.4519, 61.6363

# Sweetspot

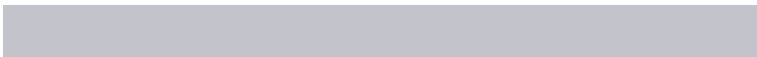
The Sweet Spot groups the original color and five complimentary colors.



54.4300, 55.4543, 64.3357



94.1377, 98.3301, 108.6258



52.5563, 54.8364, 64.3152



20.1590, 21.0643, 23.2533



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.



54.4300, 55.4543, 64.3357



90.5972, 91.8654, 107.5646



54.2949, 55.4316, 62.2076



11.9729, 12.0884, 14.2726



18.9517, 8.9775, 36.6902



1.0136, 0.4816, 1.8945



# Inverse Universe

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



53.7726, 55.2227, 59.4574



89.3452, 91.4246, 98.2608



53.7357, 58.2345, 61.5043



11.7886, 12.0235, 12.9015



15.7862, 8.1251, 1.3268

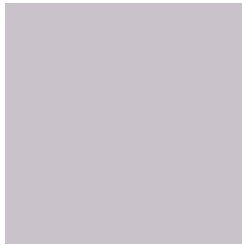


0.8319, 0.4262, 0.1605



# Previews

## White Background



This preview shows how the XYZ color 54.4284, 55.4519, 64.3345 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

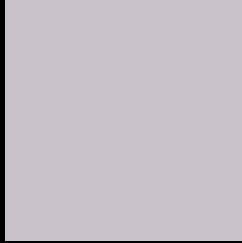
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.4284, 55.4519, 64.3345 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

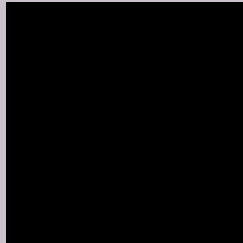
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 54.4284, 55.4519, 64.3345**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.4284, 55.4519, 64.3345.



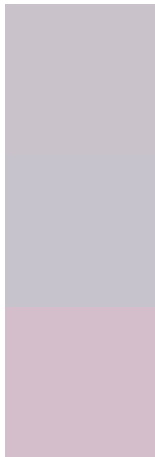
This preview shows how white text looks on a background with the XYZ color 54.4284, 55.4519,



# 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

54.4284, 55.4519, 64.3345

### Protanopia

53.7029, 55.3956, 64.9887

### Deuteranopia

56.4639, 55.1836, 64.8023



## Tritanopia

55.0837, 55.3905, 67.4627

# Trichromacy



## Original Color

54.4284, 55.4519, 64.3345

## Protanomaly

53.9674, 55.5320, 65.0011

## Deuteranomaly

55.5423, 55.0311, 64.8214

## Tritanomaly

54.8391, 55.2927, 66.1747

# Monochromacy



## Original Color

54.4284, 55.4519, 64.3345

## Achromatopsia

53.0703, 55.8340, 60.8033

## Achromatomaly

53.6019, 55.7455, 61.9677

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.4284, 55.4519, 64.3345 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(202, 194, 203)` looks like.

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

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(202, 194, 203) colored shadow looks like.

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

## Border

The CSS property to change the border of an element to XYZ 54.4284, 55.4519, 64.3345 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(202, 194, 203) }
```



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

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

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

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

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

# Background

The CSS property to change the background color of an element to XYZ 54.4284, 55.4519, 64.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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