

Converting Colors

XYZ(54.8654, 55.6203, 64.0048)

Have a look what the booklet for
XYZ(54.8654, 55.6203, 64.0048)
contains.

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Color

**XYZ(54.8543, 55.6852,
63.7343)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC2CA
RGB	204, 194, 202
RGB Percent	80%, 76%, 79%
CMY	0.2000, 0.2392, 0.2078
CMYK	0.00, 0.05, 0.01, 0.20
HSL	312°, 9%, 78%
HSV	312°, 5%, 80%
XYZ	54.8543, 55.6852, 63.7343
YIQ	197.9020, 3.3920, 4.6080

Conversions

Conversions Part 2

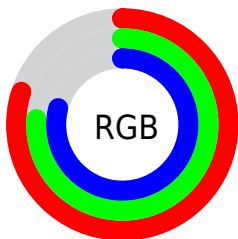
Format	Color
RYB	204, 194, 202
Decimal	13419210
CIELab	79.43, 4.93, -2.76
CIELCh	79, 5.653, 330.775
Yxy	55.6852, 0.3148, 0.3195
Android (android.graphics.Color)	4291609290 (0xFFCCC2CA)
YUV	197.9020, 2.0203, 5.3479
Hunter-Lab	74.6225, 0.6242, 1.5968

Details

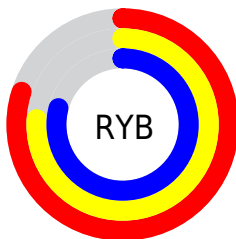
The XYZ color **54.8543, 55.6852, 63.7343** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8069, 58.6421, 60.7106**, and the grayscale version is **53.6050, 56.3966, 61.4159**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **27.3011, 27.3783, 31.8626** is the 20% darker color. If you saturate the color by 10%, you get **50.1458, 47.0307, 59.8125**, and if you desaturate by 10%, it is **60.2020, 65.5962, 67.9336**.

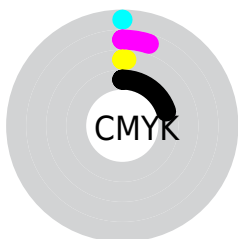
Distribution



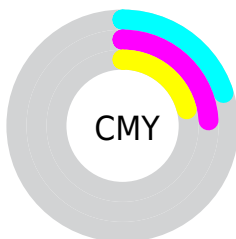
- Red (80%)
- Green (76%)
- Blue (79%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8543, 55.6852, 63.7343 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 54.8543, 55.6852, 63.7343 by changing the saturation by 10% instead.

■ 54.8543, 55.6852,
63.7343

■ 54.8543, 55.6852,
63.7343

395.5048,
408.5041, 456.4106

■ 39.5185, 39.9506,
45.9907

■ 96.4770, 98.5442,
111.8240

■ 27.3458, 27.5000,
31.8899

123.4946,
126.4373, 143.0071

■ 17.9711, 17.9491,
21.0133

155.1368,
159.1520, 179.5072

■ 11.0288, 10.9135,
12.9424

191.7690,
197.0728, 221.7428

■ 6.1536, 6.0087,
7.2586

233.7566,
240.5840, 270.1324

■ 2.9803, 2.8504,
3.5435

281.4648,

■ 1.1433, 1.0541,

290.0700, 325.0945

1.3784

335.2591,
345.9152, 387.0477

■ 0.0609, 0.0000,
0.1248

■ 0.0000, 0.0000,
0.0000

■ 54.8543, 55.6852,
63.7343

■ 54.8543, 55.6852,
63.7343

■ 50.1458, 47.0307,
59.8125

■ 60.2020, 65.5962,
67.9336

■ 46.0464, 39.5748,
56.1556

■ 66.2081, 76.8040,
72.4153

■ 42.5307, 33.2662,
52.7554

■ 72.8312, 89.2252,
77.1666

■ 39.5695, 28.0467,
49.6017

■ 73.3600, 89.4367,
79.9509

37.1313, 23.8532,
46.6834

73.9019, 89.6534,
82.8046

35.1811, 20.6161,
43.9883

74.4571, 89.8755,
85.7281

33.6796, 18.2569,
41.5030

75.0256, 90.1029,
88.7218

32.5814, 16.6850,
39.2117

75.6075, 90.3357,
91.7864

31.8311, 15.7898,
37.0954

76.2030, 90.5739,
94.9221

Harmonies

Analogous

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



54.0514, 55.6852, 66.1609



54.8543, 55.6852, 63.7343



55.1390, 55.6852, 60.5473

Triad

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



54.8543, 55.6852, 63.7343



52.8976, 55.6852, 54.5953



51.0744, 55.6852, 63.8857

Complementary

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



54.8543, 55.6852, 63.7343



53.8069, 58.6421, 60.7106

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.



50.7751, 55.6852, 60.7162



54.8543, 55.6852, 63.7343



51.8185, 55.6852, 55.4195

Square

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



54.8543, 55.6852, 63.7343



53.9996, 55.6852, 55.3399



51.0456, 55.6852, 57.6315



51.8689, 55.6852, 66.2505

Rectangle

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



54.8543, 55.6852, 63.7343



54.9936, 55.6852, 58.4421



51.0456, 55.6852, 57.6315



50.9131, 55.6852, 62.8754

Sweetspot

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



54.8559, 55.6876, 63.7355



94.1598, 98.3510, 108.1986



52.9581, 54.6817, 64.8910



20.1635, 21.0685, 23.1664



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.



54.8559, 55.6876, 63.7355



89.8728, 90.4281, 104.7623



54.2735, 55.4547, 60.6689



11.8871, 11.9152, 13.8755



19.8788, 9.7621, 22.8780



1.0506, 0.5137, 1.3124

Inverse Universe

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



54.8559, 55.6876, 63.7355



89.8728, 90.4281, 104.7623



54.3855, 58.8735, 63.7571



11.8871, 11.9152, 13.8755



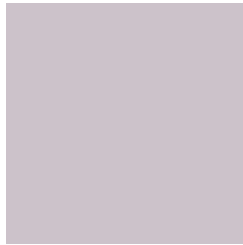
19.8788, 9.7621, 22.8780



1.0506, 0.5137, 1.3124

Previews

White Background



This preview shows how the XYZ color 54.8543, 55.6852, 63.7343 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 54.8543, 55.6852, 63.7343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

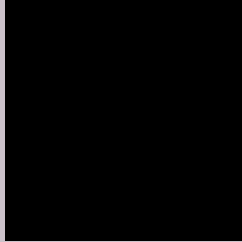
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8543, 55.6852, 63.7343

Background



This preview shows how black text looks on a background with the XYZ color 54.8543, 55.6852, 63.7343.

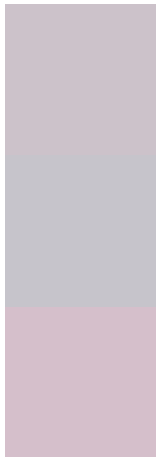


This preview shows how white text looks on a background with the XYZ color 54.8543, 55.6852,

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

54.8543, 55.6852, 63.7343

Protanopia

53.8081, 55.7974, 64.4339

Deuteranopia

56.8509, 55.7195, 64.2585



Tritanopia

55.6320, 55.6731, 67.4884

Trichromacy



Original Color

54.8543, 55.6852, 63.7343

Protanomaly

54.1140, 55.6214, 64.3838

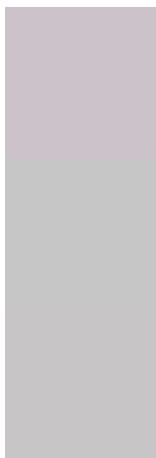
Deuteranomaly

56.2075, 55.7127, 64.2911

Tritanomaly

55.3874, 55.5753, 66.2004

Monochromacy



Original Color

54.8543, 55.6852, 63.7343

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 54.8543, 55.6852, 63.7343 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(204, 194, 202) looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 194, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 194, 202) }
```

Border

The CSS property to change the border of an element to XYZ 54.8543, 55.6852, 63.7343 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(204, 194, 202) }
```


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

```
.border{ border-color:rgb(204, 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(204, 194, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 194, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 194, 202);  
box-shadow:4px 4px 4px 4px rgb(204, 194,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8543, 55.6852, 63.7343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 194, 202) }
```

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

```
.background{ background-color: rgb(204,  
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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