

Converting Colors

XYZ(55.0900, 55.5563, 64.1906)

Have a look what the booklet for
XYZ(55.0900, 55.5563, 64.1906)
contains.

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Color

**XYZ(55.0263, 55.4309,
64.2989)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC1CB
RGB	205, 193, 203
RGB Percent	80%, 76%, 80%
CMY	0.1961, 0.2431, 0.2039
CMYK	0.00, 0.06, 0.01, 0.20
HSL	310°, 11%, 78%
HSV	310°, 6%, 80%
XYZ	55.0263, 55.4309, 64.2989
YIQ	197.7280, 3.9420, 5.6540

Conversions

Conversions Part 2

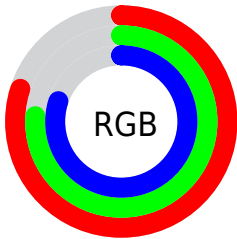
Format	Color
R _Y B	205, 193, 203
Decimal	13484491
CIE Lab	79.29, 6.00, -3.50
CIE LCh	79, 6.944, 329.699
Yxy	55.4309, 0.3149, 0.3172
Android (android.graphics.Color)	4291674571 (0xFFCDC1CB)
YUV	197.7280, 2.5991, 6.3775
Hunter-Lab	74.4519, 1.6358, 0.9117

Details

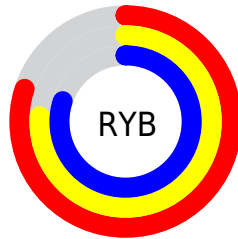
The XYZ color **55.0263, 55.4309, 64.2989** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6761, 58.9417, 60.1806**, and the grayscale version is **53.4958, 56.2818, 61.2909**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **27.5654, 27.5054, 32.2900** is the 20% darker color. If you saturate the color by 10%, you get **50.4027, 46.8276, 60.7708**, and if you desaturate by 10%, it is **60.2903, 65.2989, 68.0861**.

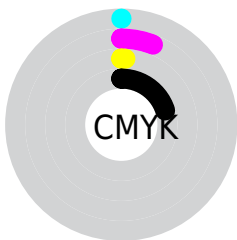
Distribution



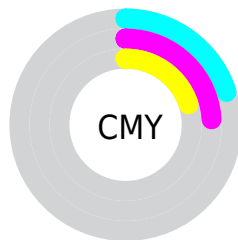
- Red (80%)
- Green (76%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0263, 55.4309, 64.2989 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 55.0263, 55.4309, 64.2989 by changing the saturation by 10% instead.

■ 55.0263, 55.4309,
64.2989

■ 55.0263, 55.4309,
64.2989

396.1464,
407.5433, 458.5053

■ 39.6567, 39.7468,
46.4451

■ 96.7276, 98.1720,
112.6449

■ 27.4540, 27.3412,
32.2460

123.7900,
125.9978, 143.9741

■ 18.0528, 17.8296,
21.2831

155.4807,
158.6397, 180.6323

■ 11.0878, 10.8277,
13.1378

192.1651,
196.4819, 223.0379

■ 6.1937, 5.9511,
7.3917

234.2085,
239.9091, 271.6094

■ 3.0050, 2.8154,
3.6261

281.9763,

■ 1.1564, 1.0361,

289.3054, 326.7655

1.4226

335.8338,
345.0553, 388.9246

■ 0.0715, 0.0000,
0.1592

■ 0.0000, 0.0000,
0.0000

■ 55.0263, 55.4309,
64.2989

■ 55.0263, 55.4309,
64.2989

■ 50.4027, 46.8276,
60.7708

■ 60.2903, 65.2989,
68.0861

■ 46.3889, 39.4304,
57.4893

■ 66.2140, 76.4729,
72.1372

■ 42.9590, 33.1868,
54.4462

■ 72.8222, 89.0012,
76.4612

■ 40.0833, 28.0376,
51.6313

■ 73.4190, 89.4920,
78.8266

37.7296, 23.9185,
49.0336

73.8674, 89.6714,
81.1879

35.8623, 20.7580,
46.6409

74.3251, 89.8545,
83.5980

34.4411, 18.4761,
44.4394

74.7921, 90.0413,
86.0572

33.4194, 16.9793,
42.4134

75.2684, 90.2318,
88.5656

32.7391, 16.1517,
40.5432

75.7542, 90.4261,
91.1237

Harmonies

Analogous

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



54.0204, 55.4309, 67.2493



55.0263, 55.4309, 64.2989



55.4029, 55.4309, 60.3951

Triad

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



55.0263, 55.4309, 64.2989



52.6995, 55.4309, 53.0211



50.3982, 55.4309, 64.2262

Complementary

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



55.0263, 55.4309, 64.2989



53.6761, 58.9417, 60.1806

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.



50.0583, 55.4309, 60.3146



55.0263, 55.4309, 64.2989



51.3726, 55.4309, 53.9484

Square

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



55.0263, 55.4309, 64.2989



54.0451, 55.4309, 53.9858



50.4119, 55.4309, 56.5754



51.3487, 55.4309, 67.2061

Rectangle

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



55.0263, 55.4309, 64.2989



55.2414, 55.4309, 57.8119



50.4119, 55.4309, 56.5754



50.2095, 55.4309, 62.9713

Sweetspot

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



55.0279, 55.4333, 64.3001



93.3079, 96.7344, 107.6454



52.5975, 54.1526, 65.4387



19.9900, 20.7393, 23.0538



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.



55.0279, 55.4333, 64.3001



89.1421, 88.9451, 104.5852



54.3267, 55.1528, 60.6078



11.7993, 11.7343, 13.8626



20.2694, 9.9183, 24.9349



1.0676, 0.5204, 1.4016

Inverse Universe

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



55.0279, 55.4333, 64.3001



89.1421, 88.9451, 104.5852



54.3681, 59.2185, 63.8247



11.7993, 11.7343, 13.8626



20.2694, 9.9183, 24.9349



1.0676, 0.5204, 1.4016

Previews

White Background



This preview shows how the XYZ color 55.0263, 55.4309, 64.2989 looks on a white background.

Color Contrast Check

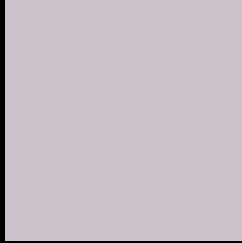
Large Text (above 18pt) WCAG AA × Fail

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 55.0263, 55.4309, 64.2989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

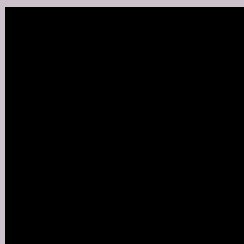
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0263, 55.4309, 64.2989

Background



This preview shows how black text looks on a background with the XYZ color 55.0263, 55.4309, 64.2989.



This preview shows how white text looks on a background with the XYZ color 55.0263, 55.4309,

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

55.0263, 55.4309, 64.2989

Protanopia

53.7029, 55.3956, 64.9887

Deuteranopia

56.4639, 55.1836, 64.8023



Tritanopia

55.5657, 55.3261, 66.7819

Trichromacy



Original Color

55.0263, 55.4309, 64.2989

Protanomaly

54.2783, 55.3607, 64.9517

Deuteranomaly

55.8244, 55.1765, 64.8346

Tritanomaly

55.4438, 55.2773, 66.1399

Monochromacy



Original Color

55.0263, 55.4309, 64.2989

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.2526, 56.0675, 62.6063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0263, 55.4309, 64.2989 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(205, 193, 203)` looks like.

```
.text, #text, p{  
    color:rgb(205, 193, 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(205, 193, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 193, 203) }
```

Border

The CSS property to change the border of an element to XYZ 55.0263, 55.4309, 64.2989 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(205, 193, 203) }
```


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

```
.border{ border-color:rgb(205, 193, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 193, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 193, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 193, 203);  
box-shadow:4px 4px 4px 4px rgb(205, 193,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0263, 55.4309, 64.2989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 193, 203) }
```

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

```
.background{ background-color: rgb(205,  
193, 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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