

Converting Colors

XYZ(55.8636, 55.7686, 64.7304)

Have a look what the booklet for
XYZ(55.8636, 55.7686, 64.7304)
contains.

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Color

**XYZ(55.9815, 55.9095,
64.9678)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C1CC
RGB	208, 193, 204
RGB Percent	82%, 76%, 80%
CMY	0.1843, 0.2431, 0.2000
CMYK	0.00, 0.07, 0.02, 0.18
HSL	316°, 14%, 79%
HSV	316°, 7%, 82%
XYZ	55.9815, 55.9095, 64.9678
YIQ	198.7390, 5.4090, 6.6010

Conversions

Conversions Part 2

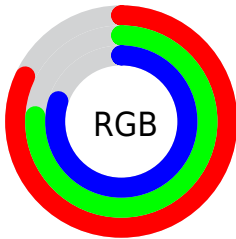
Format	Color
R _Y B	208, 193, 204
Decimal	13681100
CIE Lab	79.56, 7.21, -3.61
CIE LCh	80, 8.068, 333.404
Yxy	55.9095, 0.3165, 0.3161
Android (android.graphics.Color)	4291871180 (0xFFD0C1CC)
YUV	198.7390, 2.5937, 8.1219
Hunter-Lab	74.7727, 2.7889, 0.8255

Details

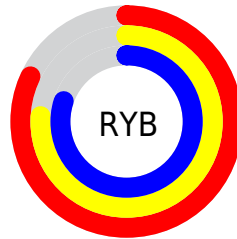
The XYZ color **55.9815, 55.9095, 64.9678** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6284, 60.4820, 61.6213**, and the grayscale version is **54.1104, 56.9283, 61.9949**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **28.0641, 27.5373, 32.6903** is the 20% darker color. If you saturate the color by 10%, you get **51.0498, 47.0913, 60.0995**, and if you desaturate by 10%, it is **61.5869, 66.0354, 70.1790**.

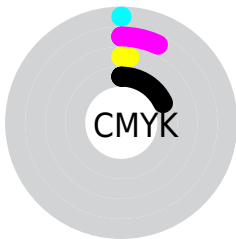
Distribution



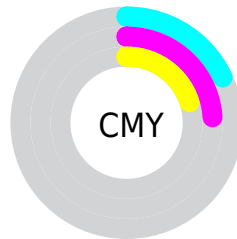
- Red (82%)
- Green (76%)
- Blue (80%)



- Red (82%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9815, 55.9095, 64.9678 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 55.9815, 55.9095, 64.9678 by changing the saturation by 10% instead.

■ 55.9815, 55.9095,
64.9678

■ 55.9815, 55.9095,
64.9678

399.6979,
409.3504, 460.9793

■ 40.4250, 40.1304,
46.9838

■ 98.1175, 98.8722,
113.6164

■ 28.0558, 27.6402,
32.6686

125.4277,
126.8246, 145.1181

■ 18.5084, 18.0546,
21.6036

157.3866,
159.6036, 181.9627

■ 11.4175, 10.9892,
13.3704

194.3595,
197.5935, 224.5688

■ 6.4177, 6.0596,
7.5504

236.7117,
241.1787, 273.3550

■ 3.1438, 2.8813,
3.7250

284.8086,

■ 1.2302, 1.0701,

290.7437, 328.7398

1.4757

339.0156,
346.6728, 391.1417

■ 0.1300, 0.0000,
0.1998

■ 0.0000, 0.0000,
0.0000

■ 55.9815, 55.9095,
64.9678

■ 55.9815, 55.9095,
64.9678

■ 51.0498, 47.0913,
60.0995

■ 61.5869, 66.0354,
70.1790

■ 46.7597, 39.5198,
55.5602

■ 67.8865, 77.5123,
75.7391

■ 43.0840, 33.1398,
51.3402

■ 74.7768, 90.1317,
81.6153

■ 39.9914, 27.8893,
47.4279

■ 75.5269, 90.4317,
85.5653

37.4478, 23.7005,
43.8106

76.3016, 90.7416,
89.6452

35.4156, 20.4984,
40.4746

77.1013, 91.0615,
93.8560

33.8521, 18.1982,
37.4043

77.9260, 91.3914,
98.1990

32.7074, 16.7006,
34.5817

78.7761, 91.7314,
102.6753

31.9142, 15.8715,
31.9831

79.6517, 92.0816,
107.2862

Harmonies

Analogous

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



54.8779, 55.9095, 68.6504



55.9815, 55.9095, 64.9678



56.3185, 55.9095, 60.3465

Triad

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



55.9815, 55.9095, 64.9678



52.9551, 55.9095, 52.3786



50.5761, 55.9095, 65.9330

Complementary

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



55.9815, 55.9095, 64.9678



54.6284, 60.4820, 61.6213

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.



50.0839, 55.9095, 61.4085



55.9815, 55.9095, 64.9678



51.4398, 55.9095, 53.7118

Square

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



55.9815, 55.9095, 64.9678



54.5505, 55.9095, 53.2248



50.3969, 55.9095, 56.9596



51.7546, 55.9095, 69.2273

Rectangle

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



55.9815, 55.9095, 64.9678



56.0576, 55.9095, 57.3926



50.3969, 55.9095, 56.9596



50.3260, 55.9095, 64.4975

Sweetspot

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



55.9831, 55.9119, 64.9690



93.2263, 96.7018, 107.2154



53.4834, 54.5671, 67.3890



19.9734, 20.7327, 22.9663



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.



55.9831, 55.9119, 64.9690



87.1906, 85.8333, 101.4952



55.1052, 55.5607, 60.3459



12.1706, 11.9530, 14.1741



19.8132, 9.7981, 19.7203



1.1398, 0.5606, 1.2709

Inverse Universe

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



55.9831, 55.9119, 64.9690



87.1906, 85.8333, 101.4952



55.5092, 60.8343, 66.2596



12.1706, 11.9530, 14.1741



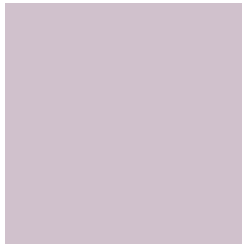
19.8132, 9.7981, 19.7203



1.1398, 0.5606, 1.2709

Previews

White Background



This preview shows how the XYZ color 55.9815, 55.9095, 64.9678 looks on a white background.

Color Contrast Check

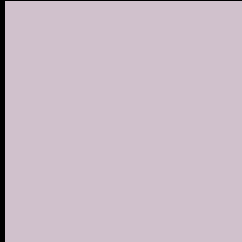
Large Text (above 18pt) WCAG AA × Fail

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 55.9815, 55.9095, 64.9678 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 55.9815, 55.9095, 64.9678

Background



This preview shows how black text looks on a background with the XYZ color 55.9815, 55.9095, 64.9678.



This preview shows how white text looks on a background with the XYZ color 55.9815, 55.9095,

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

55.9815, 55.9095, 64.9678

Protanopia

54.1692, 55.9419, 66.3354

Deuteranopia

56.9705, 55.7674, 64.8883



Tritanopia

56.5293, 55.8086, 67.4672

Trichromacy



Original Color

55.9815, 55.9095, 64.9678

Protanomaly

54.8917, 55.9945, 65.6725

Deuteranomaly

56.6127, 55.9078, 64.9342

Tritanomaly

56.4066, 55.7596, 66.8212

Monochromacy



Original Color

55.9815, 55.9095, 64.9678

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.8660, 56.7061, 63.3120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9815, 55.9095, 64.9678 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(208, 193, 204)` looks like.

```
.text, #text, p{  
    color:rgb(208, 193, 204)  
}
```

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(208, 193, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 193, 204) }
```

Border

The CSS property to change the border of an element to XYZ 55.9815, 55.9095, 64.9678 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(208, 193, 204) }
```


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

```
.border{ border-color:rgb(208, 193, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 193, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 193, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 193, 204);  
box-shadow:4px 4px 4px 4px rgb(208, 193,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9815, 55.9095, 64.9678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 193, 204) }
```

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

```
.background{ background-color: rgb(208,  
193, 204) }
```

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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