

Converting Colors

XYZ(55.5816, 55.7171, 64.3249)

Have a look what the booklet for
XYZ(55.5816, 55.7171, 64.3249)
contains.

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Color

**XYZ(55.5816, 55.7171,
64.3249)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC1CB
RGB	207, 193, 203
RGB Percent	81%, 76%, 80%
CMY	0.1882, 0.2431, 0.2039
CMYK	0.00, 0.07, 0.02, 0.19
HSL	317°, 13%, 78%
HSV	317°, 7%, 81%
XYZ	55.5816, 55.7171, 64.3249
YIQ	198.3260, 5.1340, 6.0780

Conversions

Conversions Part 2

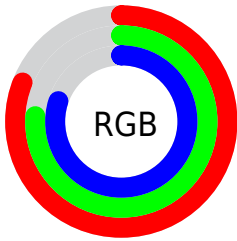
Format	Color
R _Y B	207, 193, 203
Decimal	13615563
CIE Lab	79.45, 6.69, -3.24
CIE LCh	79, 7.432, 334.121
Yxy	55.7171, 0.3165, 0.3173
Android (android.graphics.Color)	4291805643 (0xFFCFC1CB)
YUV	198.3260, 2.3043, 7.6071
Hunter-Lab	74.6439, 2.2885, 1.1571

Details

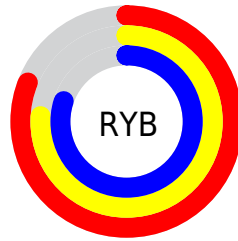
The XYZ color **55.5816, 55.7171, 64.3249** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3853, 59.9959, 61.5402**, and the grayscale version is **53.8604, 56.6653, 61.7085**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **27.9398, 27.6984, 32.3075** is the 20% darker color. If you saturate the color by 10%, you get **50.6309, 46.9219, 59.2629**, and if you desaturate by 10%, it is **61.2029, 65.8089, 69.7445**.

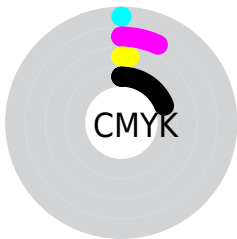
Distribution



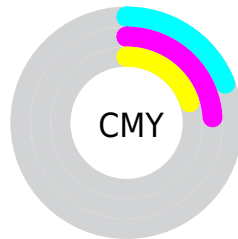
- Red (81%)
- Green (76%)
- Blue (80%)



- Red (81%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (19%)



- Cyan (19%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5816, 55.7171, 64.3249 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 55.5816, 55.7171, 64.3249 by changing the saturation by 10% instead.

■ 55.5816, 55.7171,
64.3249

■ 55.5816, 55.7171,
64.3249

398.2135,
408.6245, 458.6016

■ 40.1032, 39.9761,
46.4660

■ 97.5359, 98.5908,
112.6827

■ 27.8036, 27.5199,
32.2624

124.7426,
126.4924, 144.0186

■ 18.3174, 17.9641,
21.2955

156.5895,
159.2163, 180.6841

■ 11.2792, 10.9242,
13.1468

193.4418,
197.1469, 223.0974

■ 6.3236, 6.0159,
7.3978

235.6650,
240.6686, 271.6773

■ 3.0853, 2.8548,
3.6299

283.6245,

■ 1.1991, 1.0564,

290.1659, 326.8423

1.4246

337.6855,
346.0230, 389.0109

■ 0.1056, 0.0000,
0.1608

■ 0.0000, 0.0000,
0.0000

■ 55.5816, 55.7171,
64.3249

■ 55.5816, 55.7171,
64.3249

■ 50.6309, 46.9219,
59.2629

■ 61.2029, 65.8089,
69.7445

■ 46.3193, 39.3630,
54.5445

■ 67.5151, 77.2399,
75.5280

■ 42.6197, 32.9860,
50.1599

■ 74.5103, 89.9927,
81.6748

■ 39.5014, 27.7299,
46.0974

■ 75.3115, 90.3132,
85.8938

36.9307, 23.5280,
42.3442

76.1407, 90.6449,
90.2606

34.8705, 20.3065,
38.8864

76.9983, 90.9879,
94.7766

33.2789, 17.9821,
35.7083

77.8845, 91.3424,
99.4431

32.1069, 16.4574,
32.7921

78.7995, 91.7084,
104.2616

31.2908, 15.6053,
30.1148

79.5425, 92.0056,
108.1743

Harmonies

Analogous

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



54.5836, 55.7171, 67.7280



55.5816, 55.7171, 64.3249



55.8717, 55.7171, 60.0777

Triad

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



55.5816, 55.7171, 64.3249



52.7515, 55.7171, 52.8326



50.6170, 55.7171, 65.3945

Complementary

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



55.5816, 55.7171, 64.3249



54.3853, 59.9959, 61.5402

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.



50.1463, 55.7171, 61.2590



55.5816, 55.7171, 64.3249



51.3639, 55.7171, 54.1137

Square

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



55.5816, 55.7171, 64.3249



54.2199, 55.7171, 53.5682



50.4172, 55.7171, 57.1494



51.7147, 55.7171, 68.3656

Rectangle

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



55.5816, 55.7171, 64.3249



55.6200, 55.7171, 57.3693



50.4172, 55.7171, 57.1494



50.3812, 55.7171, 64.0875

Sweetspot

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



55.5832, 55.7195, 64.3261



93.2107, 96.6956, 107.1336



53.3519, 54.5135, 66.7426



19.9702, 20.7314, 22.9496



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.



55.5832, 55.7195, 64.3261



87.9593, 87.2980, 101.9757



54.7716, 55.3949, 60.0524



12.1607, 11.9490, 14.1222



19.6148, 9.7187, 18.6754



1.1300, 0.5567, 1.2194

Inverse Universe

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



55.5832, 55.7195, 64.3261



87.9593, 87.2980, 101.9757



55.2021, 60.3226, 65.8411



12.1607, 11.9490, 14.1222



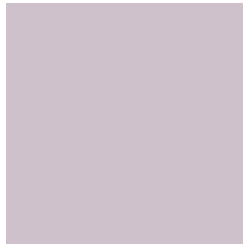
19.6148, 9.7187, 18.6754



1.1300, 0.5567, 1.2194

Previews

White Background



This preview shows how the XYZ color 55.5816, 55.7171, 64.3249 looks on a white background.

Color Contrast Check

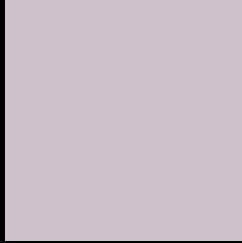
Large Text (above 18pt) WCAG AA × Fail

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 55.5816, 55.7171, 64.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

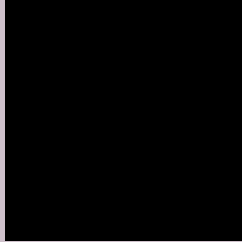
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5816, 55.7171, 64.3249

Background



This preview shows how black text looks on a background with the XYZ color 55.5816, 55.7171, 64.3249.



This preview shows how white text looks on a background with the XYZ color 55.5816, 55.7171,

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

55.5816, 55.7171, 64.3249

Protanopia

54.0481, 55.8934, 65.6975

Deuteranopia

56.8509, 55.7195, 64.2585



Tritanopia

56.1245, 55.6142, 66.8080

Trichromacy



Original Color

55.5816, 55.7171, 64.3249

Protanomaly

54.5016, 55.8074, 65.0261

Deuteranomaly

56.4931, 55.8600, 64.3045

Tritanomaly

56.0026, 55.5654, 66.1661

Monochromacy



Original Color

55.5816, 55.7171, 64.3249

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 55.5816, 55.7171, 64.3249 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(207, 193, 203)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 193, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 193, 203) }
```

Border

The CSS property to change the border of an element to XYZ 55.5816, 55.7171, 64.3249 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(207, 193, 203) }
```


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

```
.border{ border-color:rgb(207, 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(207, 193, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 193, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 193, 203);  
box-shadow:4px 4px 4px 4px rgb(207, 193,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5816, 55.7171, 64.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 193, 203) }
```

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

```
.background{ background-color: rgb(207,  
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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