

Converting Colors

XYZ(57.1740, 55.3536, 64.7902)

Have a look what the booklet for
XYZ(57.1740, 55.3536, 64.7902)
contains.

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Color

**XYZ(57.1210, 55.2019,
64.7712)**

Conversions

Conversions Part 1

Format	Color
Hex	D7BDCC
RGB	215, 189, 204
RGB Percent	84%, 74%, 80%
CMY	0.1569, 0.2588, 0.2000
CMYK	0.00, 0.12, 0.05, 0.16
HSL	325°, 25%, 79%
HSV	325°, 12%, 84%
XYZ	57.1210, 55.2019, 64.7712
YIQ	198.4840, 10.6810, 10.1770

Conversions

Conversions Part 2

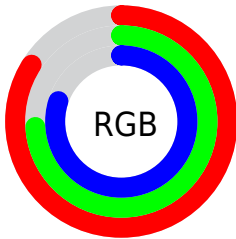
Format	Color
R _Y B	215, 189, 204
Decimal	14138828
CIE Lab	79.16, 11.78, -4.14
CIE LCh	79, 12.490, 340.643
Yxy	55.2019, 0.3225, 0.3117
Android (android.graphics.Color)	4292328908 (0xFFD7BDCC)
YUV	198.4840, 2.7194, 14.4845
Hunter-Lab	74.2980, 7.2110, 0.3210

Details

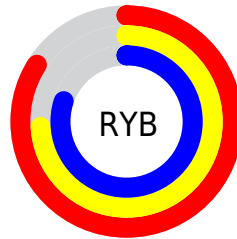
The XYZ color **57.1210, 55.2019, 64.7712** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7141, 63.5913, 63.9845**, and the grayscale version is **53.9518, 56.7615, 61.8132**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **28.8064, 27.2839, 32.6022** is the 20% darker color. If you saturate the color by 10%, you get **51.7755, 46.2058, 57.7626**, and if you desaturate by 10%, it is **63.2190, 65.5994, 72.3465**.

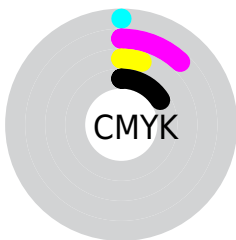
Distribution



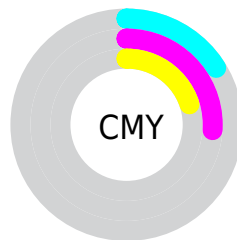
- Red (84%)
- Green (74%)
- Blue (80%)



- Red (84%)
- Yellow (74%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (5%)
- Black (16%)



- Cyan (16%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1210, 55.2019, 64.7712 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 57.1210, 55.2019, 64.7712 by changing the saturation by 10% instead.

■ 57.1210, 55.2019,
64.7712

■ 57.1210, 55.2019,
64.7712

403.9094,
406.6768, 460.2530

■ 41.3429, 39.5634,
46.8254

■ 99.7721, 97.8367,
113.3310

■ 28.7760, 27.1983,
32.5443

127.3757,
125.6018, 144.7820

■ 19.0548, 17.7222,
21.5093

159.6520,
158.1779, 181.5719

■ 11.8142, 10.7507,
13.3020

196.9662,
195.9493, 224.1192

■ 6.6886, 5.8995,
7.5036

239.6837,
239.3005, 272.8424

■ 3.3127, 2.7841,
3.6958

288.1698,

■ 1.3212, 1.0201,

288.6159, 328.1601

1.4600

342.7899,
344.2799, 390.4908

■ 0.1990, 0.0000,
0.1879

■ 0.0000, 0.0000,
0.0000

■ 57.1210, 55.2019,
64.7712

■ 57.1210, 55.2019,
64.7712

■ 51.7755, 46.2058,
57.7626

■ 63.2190, 65.5994,
72.3465

■ 47.1467, 38.5435,
51.3013

■ 70.0939, 77.4479,
80.4998

■ 43.2026, 32.1521,
45.3721

■ 77.7750, 90.8035,
89.2465

■ 39.9071, 26.9614,
39.9571

■ 79.5710, 92.2818,
96.3613

■ 37.2206, 22.8937,
35.0375

■ 80.9598, 92.8373,
103.6748

■ 35.0989, 19.8627,
30.5925

■ 81.8347, 93.1872,
108.2815

■ 33.4912, 17.7688,
26.5991

■ 32.3370, 16.4930,
23.0308

■ 31.6645, 15.9032,
20.4784

Harmonies

Analogous

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



55.6520, 55.2019, 71.1346



57.1210, 55.2019, 64.7712



57.3207, 55.2019, 57.6059

Triad

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



57.1210, 55.2019, 64.7712



51.5875, 55.2019, 47.5989



48.9142, 55.2019, 69.4970

Complementary

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



57.1210, 55.2019, 64.7712



55.7141, 63.5913, 63.9845

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.



47.8967, 55.2019, 62.6764



57.1210, 55.2019, 64.7712



49.4074, 55.2019, 50.2797

Square

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



57.1210, 55.2019, 64.7712



54.0725, 55.2019, 48.0625



48.0743, 55.2019, 55.6694



50.8950, 55.2019, 74.0089

Rectangle

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



57.1210, 55.2019, 64.7712



56.7005, 55.2019, 53.3771



48.0743, 55.2019, 55.6694



48.4511, 55.2019, 67.3768

Sweetspot

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



57.1226, 55.2043, 64.7724



91.1947, 93.3890, 104.2253



54.2404, 53.5606, 71.7702



19.3687, 19.7313, 22.1236



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.



57.1226, 55.2043, 64.7724



81.5411, 76.9780, 92.0788



55.6462, 54.6138, 56.9978



12.7205, 12.5397, 14.4686



18.9930, 9.5335, 12.5329



1.1865, 0.5914, 0.9717

Inverse Universe

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



57.1226, 55.2043, 64.7724



81.5411, 76.9780, 92.0788



57.2775, 64.2166, 72.2171



12.7205, 12.5397, 14.4686



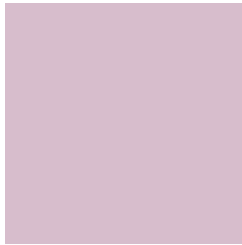
18.9930, 9.5335, 12.5329



1.1865, 0.5914, 0.9717

Previews

White Background



This preview shows how the XYZ color 57.1210, 55.2019, 64.7712 looks on a white background.

Color Contrast Check

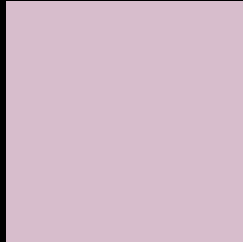
Large Text (above 18pt) WCAG AA × Fail

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 57.1210, 55.2019, 64.7712 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

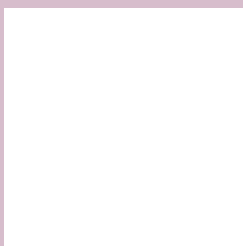
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1210, 55.2019, 64.7712

Background



This preview shows how black text looks on a background with the XYZ color 57.1210, 55.2019, 64.7712.



This preview shows how white text looks on a background with the XYZ color 57.1210, 55.2019,

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

57.1210, 55.2019, 64.7712

Protanopia

53.6652, 55.3200, 67.5239

Deuteranopia

56.4639, 55.1836, 64.8023



Tritanopia

57.1210, 55.2019, 64.7712

Trichromacy



Original Color

57.1210, 55.2019, 64.7712

Protanomaly

54.9611, 55.3414, 66.8167

Deuteranomaly

56.7531, 55.3327, 64.8158

Tritanomaly

57.1210, 55.2019, 64.7712

Monochromacy



Original Color

57.1210, 55.2019, 64.7712

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.8423, 56.0377, 62.5694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1210, 55.2019, 64.7712 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(215, 189, 204)` looks like.

```
.text, #text, p{  
    color:rgb(215, 189, 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(215, 189, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 189, 204) }
```

Border

The CSS property to change the border of an element to XYZ 57.1210, 55.2019, 64.7712 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(215, 189, 204) }
```


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

```
.border{ border-color:rgb(215, 189, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 189, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 189, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 189, 204);  
box-shadow:4px 4px 4px 4px rgb(215, 189,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1210, 55.2019, 64.7712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 189, 204) }
```

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

```
.background{ background-color: rgb(215,  
189, 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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