

Converting Colors

XYZ(57.7346, 57.4318, 64.4795)

Have a look what the booklet for
XYZ(57.7346, 57.4318, 64.4795)
contains.

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Color

**XYZ(57.7352, 57.4881,
64.5533)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C3CB
RGB	213, 195, 203
RGB Percent	84%, 76%, 80%
CMY	0.1647, 0.2353, 0.2039
CMYK	0.00, 0.08, 0.05, 0.16
HSL	333°, 18%, 80%
HSV	333°, 8%, 84%
XYZ	57.7352, 57.4881, 64.5533
YIQ	201.2940, 8.1600, 6.3040

Conversions

Conversions Part 2

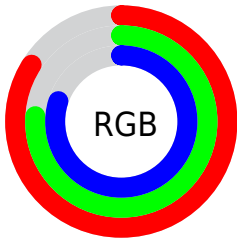
Format	Color
R _Y B	213, 195, 203
Decimal	14009291
CIE Lab	80.45, 7.70, -1.72
CIE LCh	80, 7.894, 347.439
Yxy	57.4881, 0.3211, 0.3198
Android (android.graphics.Color)	4292199371 (0xFFD5C3CB)
YUV	201.2940, 0.8411, 10.2662
Hunter-Lab	75.8209, 3.2355, 2.5956

Details

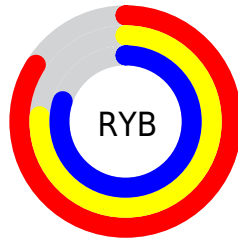
The XYZ color **57.7352, 57.4881, 64.5533** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3216, 63.6000, 67.0155**, and the grayscale version is **55.6925, 58.5928, 63.8076**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **29.0502, 28.4888, 32.4015** is the 20% darker color. If you saturate the color by 10%, you get **51.9423, 48.0734, 55.9273**, and if you desaturate by 10%, it is **64.3199, 68.3124, 73.9759**.

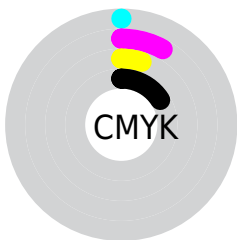
Distribution



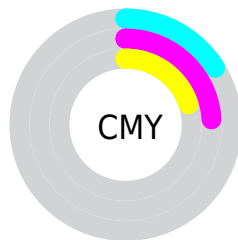
- Red (84%)
- Green (76%)
- Blue (80%)



- Red (84%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7352, 57.4881, 64.5533 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 57.7352, 57.4881, 64.5533 by changing the saturation by 10% instead.

■ 57.7352, 57.4881,
64.5533

■ 57.7352, 57.4881,
64.5533

406.1683,
415.2758, 459.4472

■ 41.8382, 41.3972,
46.6499

□ 100.6623,
101.1770, 113.0145

■ 29.1652, 28.6296,
32.4066

128.4232,
129.5439, 144.4094

■ 19.3507, 18.8008,
21.4049

160.8694,
162.7716, 181.1386

■ 12.0295, 11.5264,
13.2262

198.3664,
201.2445, 223.6206

■ 6.8361, 6.4221,
7.4519

241.2794,
245.3469, 272.2739

■ 3.4052, 3.1034,
3.6636

289.9738,

■ 1.3715, 1.1860,

295.4634, 327.5170

1.4427

344.8150,
351.9782, 389.7686

■ 0.2358, 0.0502,
0.1747

■ 0.0000, 0.0000,
0.0000

■ 57.7352, 57.4881,
64.5533

■ 57.7352, 57.4881,
64.5533

■ 51.9423, 48.0734,
55.9273

■ 64.3199, 68.3124,
73.9759

■ 46.9051, 40.0024,
48.0721

■ 71.7207, 80.5937,
84.2125

■ 42.5922, 33.2154,
40.9657

■ 78.7084, 91.8693,
94.8653

■ 38.9677, 27.6448,
34.5833

■ 80.5103, 92.5901,
104.3540

■ 35.9928, 23.2171,
28.8990

■ 81.2510, 92.8863,
108.2542

■ 33.6243, 19.8506,
23.8846

■ 31.8136, 17.4526,
19.5095

■ 30.5038, 15.9142,
15.7397

■ 29.6103, 15.0715,
12.5311

Harmonies

Analogous

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



56.9653, 57.4881, 68.8192



57.7352, 57.4881, 64.5533



57.6641, 57.4881, 59.9613

Triad

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



57.7352, 57.4881, 64.5533



53.7133, 57.4881, 54.4703



52.5625, 57.4881, 69.3923

Complementary

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



57.7352, 57.4881, 64.5533



57.3216, 63.6000, 67.0155

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.



51.7249, 57.4881, 65.3043



57.7352, 57.4881, 64.5533



52.3802, 57.4881, 56.7574

Square

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



57.7352, 57.4881, 64.5533



55.3204, 57.4881, 54.2915



51.6588, 57.4881, 60.6763



53.9667, 57.4881, 71.7042

Rectangle

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



57.7352, 57.4881, 64.5533



57.1493, 57.4881, 57.3309



51.6588, 57.4881, 60.6763



52.2066, 57.4881, 68.1713

Sweetspot

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



57.7368, 57.4906, 64.5545



91.9810, 94.9450, 104.5379



56.6767, 56.8019, 70.9284



19.5162, 20.0402, 22.1299



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.



57.7368, 57.4906, 64.5545



85.2498, 83.9165, 94.7909



57.0103, 57.5236, 59.7310



12.6502, 12.5116, 14.0984



18.0635, 9.1617, 7.6384



1.1308, 0.5691, 0.6781

Inverse Universe

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



57.7368, 57.4906, 64.5545



85.2498, 83.9165, 94.7909



58.0862, 63.5447, 72.1556



12.6502, 12.5116, 14.0984



18.0635, 9.1617, 7.6384



1.1308, 0.5691, 0.6781

Previews

White Background



This preview shows how the XYZ color 57.7352, 57.4881, 64.5533 looks on a white background.

Color Contrast Check

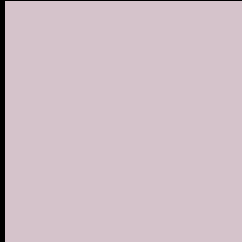
Large Text (above 18pt) WCAG AA × Fail

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 57.7352, 57.4881, 64.5533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

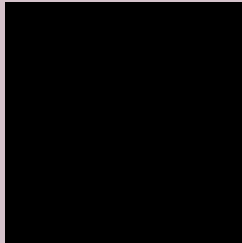
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7352, 57.4881, 64.5533

Background



This preview shows how black text looks on a background with the XYZ color 57.7352, 57.4881, 64.5533.



This preview shows how white text looks on a background with the XYZ color 57.7352, 57.4881,

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

57.7352, 57.4881, 64.5533

Protanopia

55.8000, 57.8112, 65.9753

Deuteranopia

58.4647, 57.2034, 64.4599



Tritanopia

58.5320, 57.4832, 68.3320

Trichromacy



Original Color

57.7352, 57.4881, 64.5533

Protanomaly

56.5468, 57.8696, 65.3164

Deuteranomaly

58.3902, 57.4943, 64.5199

Tritanomaly

58.2858, 57.3847, 67.0358

Monochromacy



Original Color

57.7352, 57.4881, 64.5533

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.2609, 58.0903, 64.1244

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7352, 57.4881, 64.5533 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(213, 195, 203) looks like.

```
.text, #text, p{  
    color:rgb(213, 195, 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(213, 195, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 195, 203) }
```

Border

The CSS property to change the border of an element to XYZ 57.7352, 57.4881, 64.5533 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(213, 195, 203) }
```


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

```
.border{ border-color:rgb(213, 195, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 195, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 195, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 195, 203);  
box-shadow:4px 4px 4px 4px rgb(213, 195,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7352, 57.4881, 64.5533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 195, 203) }
```

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

```
.background{ background-color: rgb(213,  
195, 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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