

Converting Colors

XYZ(57.6633, 58.4953, 65.3783)

Have a look what the booklet for
XYZ(57.6633, 58.4953, 65.3783)
contains.

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Color

**XYZ(57.6715, 58.4494,
65.3690)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C6CC
RGB	210, 198, 204
RGB Percent	82%, 78%, 80%
CMY	0.1765, 0.2235, 0.2000
CMYK	0.00, 0.06, 0.03, 0.18
HSL	330°, 12%, 80%
HSV	330°, 6%, 82%
XYZ	57.6715, 58.4494, 65.3690
YIQ	202.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

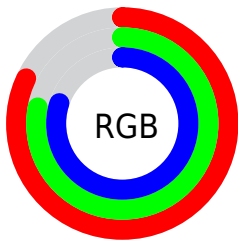
Format	Color
R _{YB}	210, 198, 204
Decimal	13813452
CIE Lab	80.99, 5.24, -1.50
CIE LCh	81, 5.455, 344.043
Yxy	58.4494, 0.3178, 0.3221
Android (android.graphics.Color)	4292003532 (0xFFD2C6CC)
YUV	202.2720, 0.8519, 6.7775
Hunter-Lab	76.4522, 0.8596, 2.8218

Details

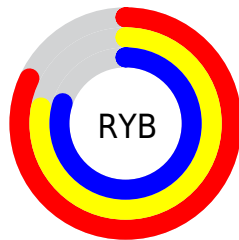
The XYZ color **57.6715, 58.4494, 65.3690** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2366, 62.4601, 66.1691**, and the grayscale version is **56.3028, 59.2349, 64.5068**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.1886, 29.2164, 32.9551** is the 20% darker color. If you saturate the color by 10%, you get **51.9831, 49.0205, 57.4661**, and if you desaturate by 10%, it is **64.1137, 69.2483, 73.9437**.

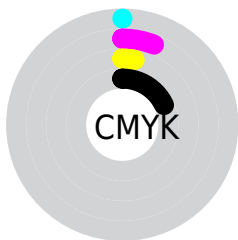
Distribution



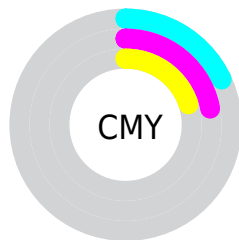
- Red (82%)
- Green (78%)
- Blue (80%)



- Red (82%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6715, 58.4494, 65.3690 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 57.6715, 58.4494, 65.3690 by changing the saturation by 10% instead.

■ 57.6715, 58.4494,
65.3690

■ 57.6715, 58.4494,
65.3690

405.9344,
418.8584, 462.4593

■ 41.7868, 42.1700,
47.3071

100.5700,
102.5770, 114.1986

■ 29.1248, 29.2345,
32.9224

128.3147,
131.1940, 145.8033

■ 19.3200, 19.2583,
21.7964

160.7433,
164.6924, 182.7594

■ 12.0071, 11.8570,
13.5105

198.2213,
203.4566, 225.4854

■ 6.8208, 6.6464,
7.6462

241.1141,
247.8708, 274.3998

■ 3.3956, 3.2420,
3.7849

289.7869,

■ 1.3662, 1.2593,

298.3196, 329.9213

1.5081

344.6053,
355.1874, 392.4682

■ 0.2320, 0.1094,
0.2239

■ 0.0000, 0.0000,
0.0000

■ 57.6715, 58.4494,
65.3690

■ 57.6715, 58.4494,
65.3690

■ 51.9831, 49.0205,
57.4661

■ 64.1137, 69.2483,
73.9437

■ 47.0147, 40.8990,
50.2135

■ 71.3319, 81.4617,
83.2036

■ 42.7371, 34.0285,
43.5937

■ 77.4080, 91.2495,
92.5176

■ 39.1171, 28.3457,
37.5869

■ 78.9754, 91.8765,
100.7712

■ 36.1189, 23.7815,
32.1722

■ 80.3887, 92.4418,
108.2139

■ 33.7028, 20.2597,
27.3269

■ 31.8243, 17.6945,
23.0265

■ 30.4318, 15.9861,
19.2437

■ 29.4623, 15.0116,
15.9468

Harmonies

Analogous

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



57.0799, 58.4494, 68.2239



57.6715, 58.4494, 65.3690



57.6908, 58.4494, 62.1423

Triad

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



57.6715, 58.4494, 65.3690



55.0284, 58.4494, 57.7890



54.0059, 58.4494, 68.0699

Complementary

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



57.6715, 58.4494, 65.3690



57.2366, 62.4601, 66.1691

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.



53.4714, 58.4494, 65.1646



57.6715, 58.4494, 65.3690



54.0563, 58.4494, 59.2690

Square

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



57.6715, 58.4494, 65.3690



56.1544, 58.4494, 57.8395



53.4898, 58.4494, 61.9446



54.9587, 58.4494, 69.8190

Rectangle

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



57.6715, 58.4494, 65.3690



57.3758, 58.4494, 60.2184



53.4898, 58.4494, 61.9446



53.7719, 58.4494, 67.1919

Sweetspot

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



57.6732, 58.4519, 65.3703



93.0365, 96.6259, 106.2163



56.7309, 57.8814, 69.1558



19.9348, 20.7173, 22.7629



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.



57.6732, 58.4519, 65.3703



88.2133, 88.5735, 99.6942



56.9675, 58.1697, 61.6544



12.2909, 12.3030, 13.8768



17.8176, 8.9999, 9.2115



1.0363, 0.5192, 0.7260

Inverse Universe

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



57.6732, 58.4519, 65.3703



88.2133, 88.5735, 99.6942



57.9699, 62.7535, 70.0309



12.2909, 12.3030, 13.8768



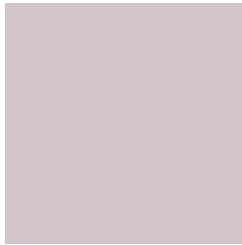
17.8176, 8.9999, 9.2115



1.0363, 0.5192, 0.7260

Previews

White Background



This preview shows how the XYZ color 57.6715, 58.4494, 65.3690 looks on a white background.

Color Contrast Check

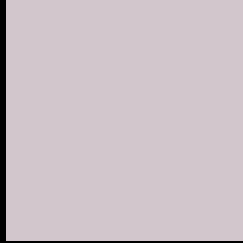
Large Text (above 18pt) WCAG AA × Fail

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 57.6715, 58.4494, 65.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

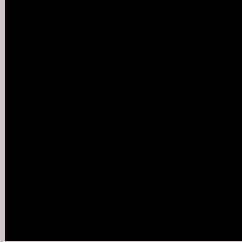
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

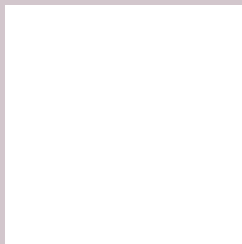
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6715, 58.4494, 65.3690

Background



This preview shows how black text looks on a background with the XYZ color 57.6715, 58.4494, 65.3690.



This preview shows how white text looks on a background with the XYZ color 57.6715, 58.4494,

65.3690.

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

57.6715, 58.4494, 65.3690

Protanopia

56.3023, 58.4128, 66.0650

Deuteranopia

59.7480, 58.4981, 65.8998



Tritanopia

58.7139, 58.5349, 70.4912

Trichromacy



Original Color

57.6715, 58.4494, 65.3690

Protanomaly

56.8965, 58.3764, 66.0266

Deuteranomaly

59.0783, 58.4866, 65.9329

Tritanomaly

58.3388, 58.3848, 68.5162

Monochromacy



Original Color

57.6715, 58.4494, 65.3690

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.8430, 59.0642, 64.9045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6715, 58.4494, 65.3690 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(210, 198, 204) looks like.

```
.text, #text, p{  
    color:rgb(210, 198, 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(210, 198, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 198, 204) }
```

Border

The CSS property to change the border of an element to XYZ 57.6715, 58.4494, 65.3690 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(210, 198, 204) }
```


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

```
.border{ border-color:rgb(210, 198, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 198, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 198, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 198, 204);  
box-shadow:4px 4px 4px 4px rgb(210, 198,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6715, 58.4494, 65.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 198, 204) }
```

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

```
.background{ background-color: rgb(210,  
198, 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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