

Converting Colors

XYZ(59.5629, 57.8324, 65.5886)

Have a look what the booklet for
XYZ(59.5629, 57.8324, 65.5886)
contains.

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Color

**XYZ(59.6046, 57.7634,
65.7655)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC1CD
RGB	220, 193, 205
RGB Percent	86%, 76%, 80%
CMY	0.1373, 0.2431, 0.1961
CMYK	0.00, 0.12, 0.07, 0.14
HSL	333°, 28%, 81%
HSV	333°, 12%, 86%
XYZ	59.6046, 57.7634, 65.7655
YIQ	202.4410, 12.2400, 9.4560

Conversions

Conversions Part 2

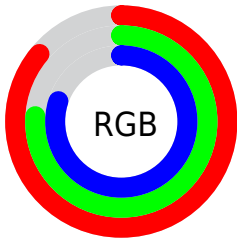
Format	Color
R_{YB}	220, 193, 205
Decimal	14467533
CIE _{Lab}	80.61, 11.56, -2.50
CIE _{LCh}	81, 11.830, 347.816
Yxy	57.7634, 0.3255, 0.3154
Android (android.graphics.Color)	4292657613 (0xFFDCC1CD)
YUV	202.4410, 1.2616, 15.3992
Hunter-Lab	76.0022, 6.9843, 1.8973

Details

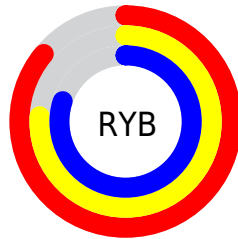
The XYZ color **59.6046, 57.7634, 65.7655** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.9730, 67.0794, 69.5172**, and the grayscale version is **56.4029, 59.3402, 64.6215**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **30.3356, 28.6989, 33.2187** is the 20% darker color. If you saturate the color by 10%, you get **53.6802, 48.1839, 56.7930**, and if you desaturate by 10%, it is **66.3711, 68.8409, 75.5889**.

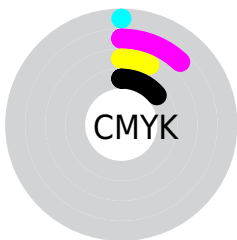
Distribution



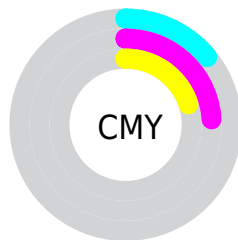
- Red (86%)
- Green (76%)
- Blue (80%)



- Red (86%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (14%)



- Cyan (14%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6046, 57.7634, 65.7655 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 59.6046, 57.7634, 65.7655 by changing the saturation by 10% instead.

■ 59.6046, 57.7634,
65.7655

■ 59.6046, 57.7634,
65.7655

412.9969,
416.3037, 463.9191

■ 43.3483, 41.6185,
47.6268

■ 103.3655,
101.5782, 114.7735

■ 30.3542, 28.8027,
33.1735

131.6007,
130.0169, 146.4798

■ 20.2570, 18.9316,
21.9872

164.5597,
163.3223, 183.5458

■ 12.6913, 11.6209,
13.6493

202.6076,
201.8788, 226.3900

■ 7.2919, 6.4861,
7.7412

246.1100,
246.0708, 275.4308

■ 3.6932, 3.1428,
3.8444

295.4321,

■ 1.5301, 1.2067,

296.2827, 331.0869

1.5404

350.9393,
352.8989, 393.7768

■ 0.3462, 0.0672,
0.2477

■ 0.0000, 0.0000,
0.0000

■ 59.6046, 57.7634,
65.7655

■ 59.6046, 57.7634,
65.7655

■ 53.6802, 48.1839,
56.7930

■ 66.3711, 68.8409,
75.5889

■ 48.5585, 40.0302,
48.6433

■ 74.0070, 81.4697,
86.2828

■ 44.2041, 33.2353,
41.2919

■ 81.2535, 93.1270,
97.4403

■ 40.5772, 27.7238,
34.7117

■ 83.1485, 93.8850,
107.4191

■ 37.6341, 23.4130,
28.8735

■ 83.3255, 93.9558,
108.3513

■ 35.3259, 20.2104,
23.7460

■ 33.5970, 18.0095,
19.2947

■ 32.3809, 16.6828,
15.4810

■ 31.7088, 16.0931,
12.9311

Harmonies

Analogous

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



58.4433, 57.7634, 72.3298



59.6046, 57.7634, 65.7655



59.4790, 57.7634, 58.8826

Triad

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



59.6046, 57.7634, 65.7655



53.4831, 57.7634, 50.9790



51.8197, 57.7634, 73.3568

Complementary

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



59.6046, 57.7634, 65.7655



58.9730, 67.0794, 69.5172

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.



50.5668, 57.7634, 67.0847



59.6046, 57.7634, 65.7655



51.5074, 57.7634, 54.3177

Square

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



59.6046, 57.7634, 65.7655



55.8959, 57.7634, 50.6833



50.4542, 57.7634, 60.1083



53.9207, 57.7634, 76.9247

Rectangle

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



59.6046, 57.7634, 65.7655



58.6826, 57.7634, 55.0303



50.4542, 57.7634, 60.1083



51.2881, 57.7634, 71.4744

Sweetspot

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



59.6062, 57.7659, 65.7667



90.9827, 93.3042, 103.1089



57.9607, 56.6983, 75.5998



19.3151, 19.7098, 21.8412



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.



59.6062, 57.7659, 65.7667



80.8034, 76.6829, 88.1939



58.5127, 57.8081, 58.5294



13.2953, 13.1472, 14.8161



18.6636, 9.4665, 7.8744



1.2520, 0.6305, 0.7362

Inverse Universe

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



59.6062, 57.7659, 65.7667



80.8034, 76.6829, 88.1939



60.1527, 66.9868, 77.4702



13.2953, 13.1472, 14.8161



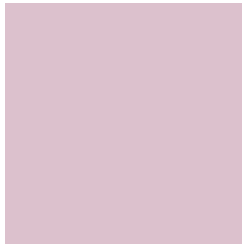
18.6636, 9.4665, 7.8744



1.2520, 0.6305, 0.7362

Previews

White Background



This preview shows how the XYZ color 59.6046, 57.7634, 65.7655 looks on a white background.

Color Contrast Check

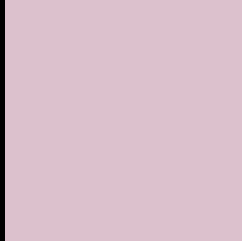
Large Text (above 18pt) WCAG AA × Fail

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 59.6046, 57.7634, 65.7655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

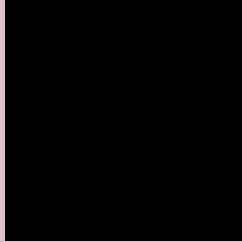
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6046, 57.7634, 65.7655

Background



This preview shows how black text looks on a background with the XYZ color 59.6046, 57.7634, 65.7655.



This preview shows how white text looks on a background with the XYZ color 59.6046, 57.7634,

65.7655.

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

59.6046, 57.7634, 65.7655

Protanopia

56.0194, 57.8678, 68.5387

Deuteranopia

58.9265, 57.7431, 65.7974



Tritanopia

59.9703, 57.9096, 67.6914

Trichromacy



Original Color

59.6046, 57.7634, 65.7655

Protanomaly

57.3638, 57.8965, 67.8262

Deuteranomaly

59.2247, 57.8968, 65.8113

Tritanomaly

59.8476, 57.8606, 67.0454

Monochromacy



Original Color

59.6046, 57.7634, 65.7655

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.4974, 58.7140, 64.8024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6046, 57.7634, 65.7655 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(220, 193, 205)` looks like.

```
.text, #text, p{  
    color:rgb(220, 193, 205)  
}
```

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(220, 193, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 193, 205) }
```

Border

The CSS property to change the border of an element to XYZ 59.6046, 57.7634, 65.7655 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(220, 193, 205) }
```


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

```
.border{ border-color:rgb(220, 193, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 193, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 193, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 193, 205);  
box-shadow:4px 4px 4px 4px rgb(220, 193,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6046, 57.7634, 65.7655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 193, 205) }
```

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

```
.background{ background-color: rgb(220,  
193, 205) }
```

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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