

Converting Colors

XYZ(57.3634, 54.9284, 61.6149)

Have a look what the booklet for
XYZ(57.3634, 54.9284, 61.6149)
contains.

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Color

**XYZ(57.5054, 55.1500,
61.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBCC7
RGB	219, 188, 199
RGB Percent	86%, 74%, 78%
CMY	0.1412, 0.2627, 0.2196
CMYK	0.00, 0.14, 0.09, 0.14
HSL	339°, 30%, 80%
HSV	339°, 14%, 86%
XYZ	57.5054, 55.1500, 61.6470
YIQ	198.5230, 14.9450, 9.9930

Conversions

Conversions Part 2

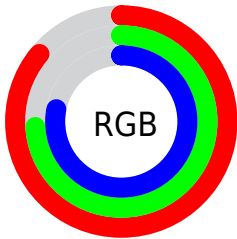
Format	Color
R_{YB}	219, 188, 199
Decimal	14400711
CIE _{Lab}	79.13, 12.86, -1.44
CIE _{LCh}	79, 12.937, 353.600
Yxy	55.1500, 0.3299, 0.3164
Android (android.graphics.Color)	4292590791 (0xFFDBBCC7)
YUV	198.5230, 0.2352, 17.9583
Hunter-Lab	74.2630, 8.2607, 2.7665

Details

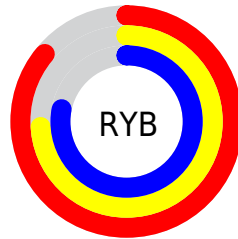
The XYZ color **57.5054, 55.1500, 61.6470** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.4578, 65.9098, 69.3711**, and the grayscale version is **53.9883, 56.7999, 61.8551**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **29.0846, 27.2648, 30.5178** is the 20% darker color. If you saturate the color by 10%, you get **51.6123, 45.8682, 51.9605**, and if you desaturate by 10%, it is **64.2639, 65.9174, 72.3750**.

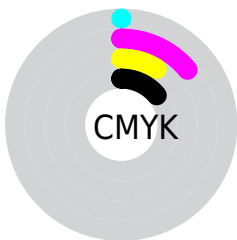
Distribution



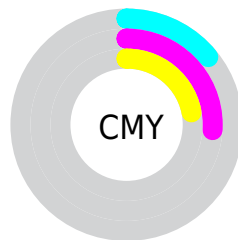
- Red (86%)
- Green (74%)
- Blue (78%)



- Red (86%)
- Yellow (74%)
- Blue (78%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (14%)




- Cyan (14%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5054, 55.1500, 61.6470 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 57.5054, 55.1500, 61.6470 by changing the saturation by 10% instead.


 57.5054, 55.1500,
61.6470

 57.5054, 55.1500,
61.6470


405.3240,
406.4803, 448.6144

 41.6529, 39.5218,
44.3136


 100.3294, 97.7607,
108.7818

 29.0195, 27.1659,
30.5781


128.0315,
125.5120, 139.4203

 19.2399, 17.6979,
20.0220

160.4142,
158.0732, 175.3309

 11.9488, 10.7333,
12.2268

197.8429,
195.8285, 216.9321

 6.7808, 5.8878,
6.7739

240.6829,
239.1625, 264.6426

 3.3705, 2.7770,
3.2448

289.2995,

 1.3526, 1.0164,

288.4596, 318.8807

1.2210

344.0581,
344.1040, 380.0651

■ 0.2221, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5054, 55.1500,
61.6470

■ 57.5054, 55.1500,
61.6470

■ 51.6123, 45.8682,
51.9605

■ 64.2639, 65.9174,
72.3750

■ 46.5439, 37.9992,
43.2796

■ 71.9170, 78.2245,
84.1718

■ 42.2632, 31.4753,
35.5714

■ 80.4981, 92.1314,
97.0681

■ 38.7283, 26.2198,
28.7996

■ 83.0237, 93.8002,
108.3372

■ 35.8933, 22.1487,
22.9256

■ 33.7070, 19.1674,
17.9075

■ 32.1105, 17.1667,
13.6996

■ 31.0330, 16.0142,
10.2501

■ 30.5779, 15.6059,
8.5508

Harmonies

Analogous

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



56.5143, 55.1500, 68.8823



57.5054, 55.1500, 61.6470



57.0979, 55.1500, 54.5379

Triad

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



57.5054, 55.1500, 61.6470



50.4570, 55.1500, 47.9461



49.5288, 55.1500, 72.2279

Complementary

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



57.5054, 55.1500, 61.6470



57.4578, 65.9098, 69.3711

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.



48.0019, 55.1500, 65.9193



57.5054, 55.1500, 61.6470



48.5254, 55.1500, 52.0050

Square

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



57.5054, 55.1500, 61.6470



52.9735, 55.1500, 47.0057



47.6407, 55.1500, 58.4788



51.8673, 55.1500, 75.3062

Rectangle

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



57.5054, 55.1500, 61.6470



56.0943, 55.1500, 50.7730



47.6407, 55.1500, 58.4788



48.9068, 55.1500, 70.3910

Sweetspot

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



57.5070, 55.1524, 61.6482



90.8402, 93.2472, 102.3585



56.6808, 54.4403, 74.5391



19.2790, 19.6954, 21.6515



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.



57.5070, 55.1524, 61.6482



78.5652, 73.7198, 82.7825



57.1713, 56.4511, 55.4628



13.2459, 13.1275, 14.5561



18.1784, 9.2724, 5.3197



1.2179, 0.6168, 0.5563

Inverse Universe

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



57.5070, 55.1524, 61.6482



78.5652, 73.7198, 82.7825



57.7935, 64.3403, 76.3913



13.2459, 13.1275, 14.5561



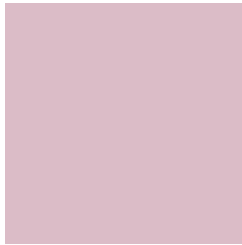
18.1784, 9.2724, 5.3197



1.2179, 0.6168, 0.5563

Previews

White Background



This preview shows how the XYZ color 57.5054, 55.1500, 61.6470 looks on a white background.

Color Contrast Check

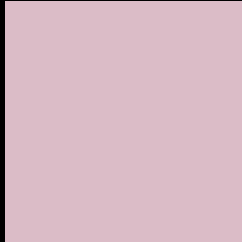
Large Text (above 18pt) WCAG AA × Fail

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 57.5054, 55.1500, 61.6470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

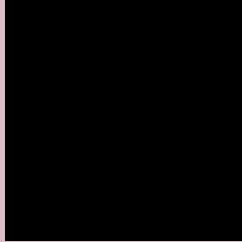
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5054, 55.1500, 61.6470

Background



This preview shows how black text looks on a background with the XYZ color 57.5054, 55.1500, 61.6470.



This preview shows how white text looks on a background with the XYZ color 57.5054, 55.1500,

61.6470.

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

57.5054, 55.1500, 61.6470

Protanopia

53.5833, 55.3478, 64.3590

Deuteranopia

56.4538, 55.2466, 61.7210



Tritanopia

57.8573, 55.2908, 63.4999

Trichromacy



Original Color

57.5054, 55.1500, 61.6470

Protanomaly

54.9639, 55.0854, 63.6127

Deuteranomaly

56.8253, 55.1176, 61.6766

Tritanomaly

57.7393, 55.2436, 62.8782

Monochromacy



Original Color

57.5054, 55.1500, 61.6470

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.2775, 56.2755, 61.9817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5054, 55.1500, 61.6470 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(219, 188, 199) looks like.

```
.text, #text, p{  
    color:rgb(219, 188, 199)  
}
```

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(219, 188, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 188, 199) }
```

Border

The CSS property to change the border of an element to XYZ 57.5054, 55.1500, 61.6470 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(219, 188, 199) }
```


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

```
.border{ border-color:rgb(219, 188, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 188, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 188, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 188, 199);  
box-shadow:4px 4px 4px 4px rgb(219, 188,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5054, 55.1500, 61.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 188, 199) }
```

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

```
.background{ background-color: rgb(219,  
188, 199) }
```

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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