

Converting Colors

XYZ(57.7826, 55.2110, 61.3855)

Have a look what the booklet for
XYZ(57.7826, 55.2110, 61.3855)
contains.

XYZ(57.8072, 55.3056, 61.6611)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.8072, 55.3056,
61.6611)**

Conversions

Conversions Part 1

Format	Color
Hex	DCBCC7
RGB	220, 188, 199
RGB Percent	86%, 74%, 78%
CMY	0.1373, 0.2627, 0.2196
CMYK	0.00, 0.15, 0.10, 0.14
HSL	339°, 31%, 80%
HSV	339°, 15%, 86%
XYZ	57.8072, 55.3056, 61.6611
YIQ	198.8220, 15.5410, 10.2050

Conversions

Conversions Part 2

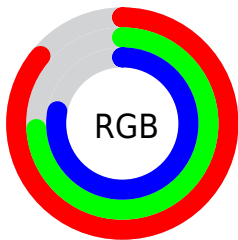
Format	Color
RYB	220, 188, 199
Decimal	14466247
CIELab	79.22, 13.21, -1.30
CIELCh	79, 13.274, 354.377
Yxy	55.3056, 0.3308, 0.3164
Android (android.graphics.Color)	4292656327 (0xFFDCBCC7)
YUV	198.8220, 0.0878, 18.5731
Hunter-Lab	74.3677, 8.6073, 2.8978

Details

The XYZ color **57.8072, 55.3056, 61.6611** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.8430, 66.4826, 70.1086**, and the grayscale version is **54.1714, 56.9926, 62.0649**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **29.2919, 27.3716, 30.5275** is the 20% darker color. If you saturate the color by 10%, you get **51.8634, 45.9744, 51.7973**, and if you desaturate by 10%, it is **64.6296, 66.1381, 72.6039**.

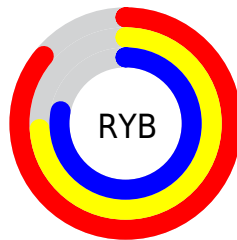
Distribution



Red (86%)

Green (74%)

Blue (78%)



Red (86%)

Yellow (74%)

Blue (78%)

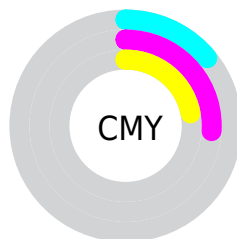


Cyan (0%)

Magenta (15%)

Yellow (10%)

Black (14%)



Cyan (14%)


Magenta (26%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.8072, 55.3056, 61.6611 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 57.8072, 55.3056, 61.6611 by changing the saturation by 10% instead.


 57.8072, 55.3056,
61.6611

 57.8072, 55.3056,
61.6611


406.4326,
407.0693, 448.6673

 41.8963, 39.6464,
44.3249


 100.7666, 97.9886,
108.8024

 29.2109, 27.2630,
30.5869


128.5459,
125.7812, 139.4446

 19.3855, 17.7708,
20.0287


161.0120,
158.3870, 175.3592

 12.0548, 10.7856,
12.2316

198.5303,
196.1906, 216.9648

 6.8535, 5.9228,
6.7772

241.4662,
239.5762, 264.6798

 3.4161, 2.7982,
3.2468

290.1849,

 1.3775, 1.0273,

288.9282, 318.9229

1.2220

345.0519,
344.6312, 380.1125

■ 0.2401, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8072, 55.3056,
61.6611

■ 57.8072, 55.3056,
61.6611

■ 51.8634, 45.9744,
51.7973

■ 64.6296, 66.1381,
72.6039

■ 46.7568, 38.0708,
42.9751

■ 72.3605, 78.5268,
84.6547

■ 42.4496, 31.5257,
35.1599

■ 81.0340, 92.5329,
97.8456

■ 38.8990, 26.2614,
28.3134

■ 83.3255, 93.9558,
108.3513

■ 36.0583, 22.1925,
22.3952

■ 33.8749, 19.2226,
17.3611

■ 32.2888, 17.2406,
13.1630

■ 31.2272, 16.1109,
9.7464

■ 30.8064, 15.7322,
8.1792

Harmonies

Analogous

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



56.8221, 55.3056, 69.1332



57.8072, 55.3056, 61.6611



57.3501, 55.3056, 54.3886

Triad

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



57.8072, 55.3056, 61.6611



50.4892, 55.3056, 47.8695



49.6512, 55.3056, 72.8893

Complementary

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



57.8072, 55.3056, 61.6611



57.8430, 66.4826, 70.1086

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.



48.0562, 55.3056, 66.4506



57.8072, 55.3056, 61.6611



48.5285, 55.3056, 52.1049

Square

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



57.8072, 55.3056, 61.6611



53.0677, 55.3056, 46.8201



47.6522, 55.3056, 58.7984



52.0681, 55.3056, 75.9561

Rectangle

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



57.8072, 55.3056, 61.6611



56.2967, 55.3056, 50.5695



47.6522, 55.3056, 58.7984



49.0044, 55.3056, 71.0226

Sweetspot

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



57.8088, 55.3081, 61.6623



90.8227, 93.2402, 102.2659



57.1414, 54.6625, 75.2500



19.2746, 19.6936, 21.6281



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.



57.8088, 55.3081, 61.6623



78.4989, 73.6933, 82.4334



57.6199, 56.9004, 55.5259



13.2398, 13.1250, 14.5241



18.1271, 9.2519, 5.0491



1.2141, 0.6153, 0.5362

Inverse Universe

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



57.8088, 55.3081, 61.6623



78.4989, 73.6933, 82.4334



58.0105, 64.5630, 77.1152



13.2398, 13.1250, 14.5241



18.1271, 9.2519, 5.0491



1.2141, 0.6153, 0.5362

Previews

White Background



This preview shows how the XYZ color 57.8072, 55.3056, 61.6611 looks on a white background.

Color Contrast Check

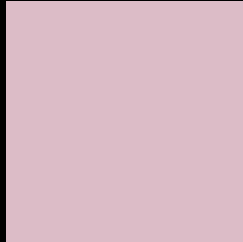
Large Text (above 18pt) WCAG AA × Fail

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 57.8072, 55.3056, 61.6611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

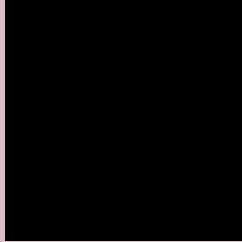
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8072, 55.3056, 61.6611

Background



This preview shows how black text looks on a background with the XYZ color 57.8072, 55.3056, 61.6611.



This preview shows how white text looks on a background with the XYZ color 57.8072, 55.3056,

61.6611.

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

57.8072, 55.3056, 61.6611

Protanopia

53.5833, 55.3478, 64.3590

Deuteranopia

56.4538, 55.2466, 61.7210



Tritanopia

58.1591, 55.4464, 63.5140

Trichromacy



Original Color

57.8072, 55.3056, 61.6611

Protanomaly

54.9639, 55.0854, 63.6127

Deuteranomaly

56.8253, 55.1176, 61.6766

Tritanomaly

58.0410, 55.3991, 62.8923

Monochromacy



Original Color

57.8072, 55.3056, 61.6611

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.5560, 56.4191, 61.9947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8072, 55.3056, 61.6611 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, 188, 199)` looks like.

```
.text, #text, p{  
    color:rgb(220, 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(220, 188, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 188, 199) }
```

Border

The CSS property to change the border of an element to XYZ 57.8072, 55.3056, 61.6611 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, 188, 199) }
```


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

```
.border{ border-color:rgb(220, 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(220, 188, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 188, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 188, 199);  
box-shadow:4px 4px 4px 4px rgb(220, 188,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8072, 55.3056, 61.6611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 188, 199) }
```

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

```
.background{ background-color: rgb(220,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor