

Converting Colors

XYZ(58.2428, 55.0694, 63.2322)

Have a look what the booklet for
XYZ(58.2428, 55.0694, 63.2322)
contains.

XYZ(58.2498, 55.1771, 63.4573)	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(58.2498, 55.1771,
63.4573)**

Conversions

Conversions Part 1

Format	Color
Hex	DDBBCA
RGB	221, 187, 202
RGB Percent	87%, 73%, 79%
CMY	0.1333, 0.2666, 0.2078
CMYK	0.00, 0.15, 0.09, 0.13
HSL	334°, 33%, 80%
HSV	334°, 15%, 87%
XYZ	58.2498, 55.1771, 63.4573
YIQ	198.8760, 15.4490, 11.8730

Conversions

Conversions Part 2

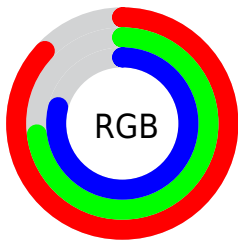
Format	Color
RYB	221, 187, 202
Decimal	14531530
CIELab	79.14, 14.61, -3.02
CIELCh	79, 14.915, 348.321
Yxy	55.1771, 0.3293, 0.3119
Android (android.graphics.Color)	4292721610 (0xFFDDBBCA)
YUV	198.8760, 1.5401, 19.4027
Hunter-Lab	74.2813, 9.9836, 1.3464

Details

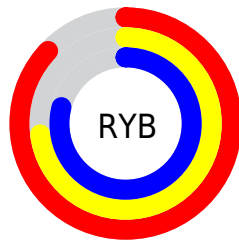
The XYZ color **58.2498, 55.1771, 63.4573** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.4927, 66.7354, 68.2467**, and the grayscale version is **54.1959, 57.0183, 62.0929**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **29.5963, 27.2953, 31.7256** is the 20% darker color. If you saturate the color by 10%, you get **52.5132, 45.9508, 54.6165**, and if you desaturate by 10%, it is **64.8281, 65.8981, 73.1576**.

Distribution



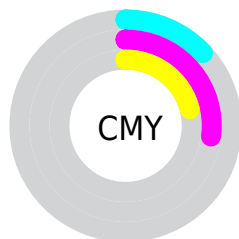
- Red (87%)
- Green (73%)
- Blue (79%)



- Red (87%)
- Yellow (73%)
- Blue (79%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2498, 55.1771, 63.4573 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 58.2498, 55.1771, 63.4573 by changing the saturation by 10% instead.

■ 58.2498, 55.1771,
63.4573

■ 58.2498, 55.1771,
63.4573

408.0550,
406.5829, 455.3808

■ 42.2535, 39.5435,
45.7679

■ 101.4074, 97.8004,
111.4209

■ 29.4919, 27.1828,
31.7154

129.2995,
125.5589, 142.5322

■ 19.5994, 17.7106,
20.8812

161.8875,
158.1278, 178.9546

■ 12.2107, 10.7424,
12.8468

199.5369,
195.8916, 221.1065

■ 6.9606, 5.8939,
7.1936

242.6130,
239.2346, 269.4065

■ 3.4836, 2.7807,
3.5032

291.4811,

■ 1.4143, 1.0183,

288.5412, 324.2732

1.3570

346.5067,
344.1959, 386.1251

■ 0.2664, 0.0000,
0.1078

■ 0.0000, 0.0000,
0.0000

■ 58.2498, 55.1771,
63.4573

■ 58.2498, 55.1771,
63.4573

■ 52.5132, 45.9508,
54.6165

■ 64.8281, 65.8981,
73.1576

■ 47.5779, 38.1450,
46.6062

■ 72.2769, 78.1690,
83.7379

■ 43.4074, 31.6901,
39.4011

■ 80.6291, 92.0513,
95.2225

■ 39.9600, 26.5079,
32.9726

■ 83.0559, 93.8830,
105.3472

■ 37.1901, 22.5117,
27.2905

■ 83.6291, 94.1123,
108.3655

■ 35.0464, 19.6042,
22.3219

■ 33.4696, 17.6721,
18.0305

■ 32.3876, 16.5769,
14.3747

■ 31.9995, 16.2445,
12.8776

Harmonies

Analogous

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



56.8351, 55.1771, 71.6478



58.2498, 55.1771, 63.4573



58.0660, 55.1771, 55.0730

Triad

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



58.2498, 55.1771, 63.4573



50.6660, 55.1771, 45.8256



48.7305, 55.1771, 73.1682

Complementary

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



58.2498, 55.1771, 63.4573



57.4927, 66.7354, 68.2467

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.



47.1975, 55.1771, 65.3784



58.2498, 55.1771, 63.4573



48.2855, 55.1771, 49.8269

Square

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



58.2498, 55.1771, 63.4573



53.6111, 55.1771, 45.4166



47.0377, 55.1771, 56.8218



51.2944, 55.1771, 77.5984

Rectangle

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



58.2498, 55.1771, 63.4573



57.0628, 55.1771, 50.4791



47.0377, 55.1771, 56.8218



48.0818, 55.1771, 70.8236

Sweetspot

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



58.2514, 55.1795, 63.4585



89.9904, 91.6827, 101.6582



56.1939, 53.8427, 75.8383



19.1147, 19.3831, 21.5465



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.



58.2514, 55.1795, 63.4585



78.2564, 72.5866, 84.2692



56.9235, 55.2288, 54.6767



13.2935, 13.1465, 14.8066



18.6438, 9.4585, 7.7701



1.2507, 0.6299, 0.7291

Inverse Universe

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



58.2514, 55.1795, 63.4585



78.2564, 72.5866, 84.2692



58.9563, 66.6063, 78.1563



13.2935, 13.1465, 14.8066



18.6438, 9.4585, 7.7701



1.2507, 0.6299, 0.7291

Previews

White Background



This preview shows how the XYZ color 58.2498, 55.1771, 63.4573 looks on a white background.

Color Contrast Check

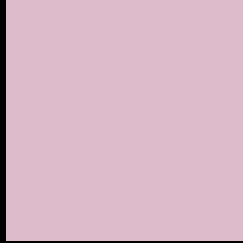
Large Text (above 18pt) WCAG AA × Fail

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 58.2498, 55.1771, 63.4573 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 58.2498, 55.1771, 63.4573

Background



This preview shows how black text looks on a background with the XYZ color 58.2498, 55.1771, 63.4573.



This preview shows how white text looks on a background with the XYZ color 58.2498, 55.1771,

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

58.2498, 55.1771, 63.4573

Protanopia

53.8035, 55.4055, 66.8901

Deuteranopia

56.3966, 55.1901, 62.9387



Tritanopia

58.2498, 55.1771, 63.4573

Trichromacy



Original Color

58.2498, 55.1771, 63.4573

Protanomaly

55.3227, 55.2289, 65.5020

Deuteranomaly

57.0591, 55.2112, 62.9078

Tritanomaly

58.2498, 55.1771, 63.4573

Monochromacy



Original Color

58.2498, 55.1771, 63.4573

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.6726, 56.4657, 62.6083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2498, 55.1771, 63.4573 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(221, 187, 202)` looks like.

```
.text, #text, p{  
    color:rgb(221, 187, 202)  
}
```

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(221, 187, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 187, 202) }
```

Border

The CSS property to change the border of an element to XYZ 58.2498, 55.1771, 63.4573 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(221, 187, 202) }
```


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

```
.border{ border-color:rgb(221, 187, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 187, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 187, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 187, 202);  
box-shadow:4px 4px 4px 4px rgb(221, 187,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2498, 55.1771, 63.4573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 187, 202) }
```

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

```
.background{ background-color: rgb(221,  
187, 202) }
```

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