

Converting Colors

XYZ(55.3257, 49.5143, 63.6291)

Have a look what the booklet for
XYZ(55.3257, 49.5143, 63.6291)
contains.

XYZ(55.3579, 49.4624, 63.7563)	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(55.3579, 49.4624,
63.7563)**

Conversions

Conversions Part 1

Format	Color
Hex	DCADCC
RGB	220, 173, 204
RGB Percent	86%, 68%, 80%
CMY	0.1372, 0.3215, 0.2000
CMYK	0.00, 0.21, 0.07, 0.14
HSL	320°, 40%, 77%
HSV	320°, 21%, 86%
XYZ	55.3579, 49.4624, 63.7563
YIQ	190.5870, 18.0610, 19.6050

Conversions

Conversions Part 2

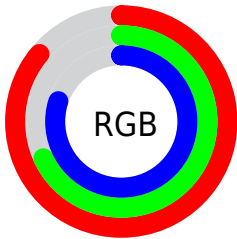
Format	Color
R _{YB}	220, 173, 204
Decimal	14462412
CIE Lab	75.74, 22.14, -9.15
CIE LCh	76, 23.953, 337.537
Yxy	49.4624, 0.3284, 0.2934
Android (android.graphics.Color)	4292652492 (0xFFDCADCC)
YUV	190.5870, 6.6126, 25.7952
Hunter-Lab	70.3295, 17.4246, -4.5179

Details

The XYZ color **55.3579, 49.4624, 63.7563** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.0141, 63.7462, 57.7099**, and the grayscale version is **49.2391, 51.8033, 56.4138**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **27.7385, 23.6343, 31.9541** is the 20% darker color. If you saturate the color by 10%, you get **50.6051, 41.3595, 57.8461**, and if you desaturate by 10%, it is **60.8514, 58.9762, 70.1277**.

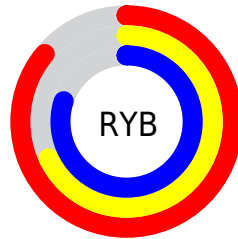
Distribution



Red (86%)

Green (68%)

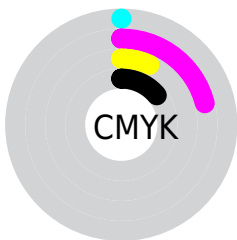
Blue (80%)



Red (86%)

Yellow (68%)

Blue (80%)

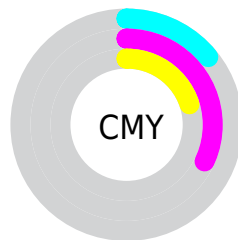


Cyan (0%)

Magenta (21%)

Yellow (7%)

Black (14%)



Cyan (14%)

Magenta (32%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3579, 49.4624, 63.7563 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 55.3579, 49.4624, 63.7563 by changing the saturation by 10% instead.

■ 55.3579, 49.4624,
63.7563

■ 55.3579, 49.4624,
63.7563

397.3816,
384.5599, 456.4923

■ 39.9233, 34.9864,
46.0084

■ 97.2104, 89.3778,
111.8560

■ 27.6627, 23.6524,
31.9037

124.3590,
115.5861, 143.0448

■ 18.2107, 15.0760,
21.0238

156.1431,
146.4739, 179.5511

■ 11.2020, 8.8727,
12.9500

192.9278,
182.4256, 221.7933

■ 6.2711, 4.6583,
7.2638

235.0787,
223.8257, 270.1900

■ 3.0529, 2.0482,
3.5467

282.9611,

■ 1.1818, 0.6352,

271.0585, 325.1597

1.3801

336.9402,
324.5084, 387.1210

■ 0.0919, 0.0000,
0.1261

■ 0.0000, 0.0000,
0.0000

■ 55.3579, 49.4624,
63.7563

■ 55.3579, 49.4624,
63.7563

■ 50.6051, 41.3595,
57.8461

■ 60.8514, 58.9762,
70.1277

■ 46.5541, 34.5926,
52.3795

■ 67.1135, 69.9578,
76.9709

■ 43.1689, 29.0902,
47.3420

■ 74.1759, 82.4689,
84.2997

■ 40.4084, 24.7711,
42.7169

■ 80.1213, 92.6741,
91.4779

■ 38.2269, 21.5448,
38.4857

■ 81.2203, 93.1137,
97.2651

■ 36.5720, 19.3073,
34.6277

■ 82.3654, 93.5718,
103.2948

■ 35.3809, 17.9347,
31.1187

■ 83.3256, 93.9558,
108.3513

■ 34.6342, 17.2633,
28.3355

Harmonies

Analogous

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



52.4122, 49.4624, 75.6811



55.3579, 49.4624, 63.7563



56.0009, 49.4624, 50.7102

Triad

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



55.3579, 49.4624, 63.7563



45.9008, 49.4624, 33.0593



40.5582, 49.4624, 70.1814

Complementary

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



55.3579, 49.4624, 63.7563



52.0141, 63.7462, 57.7099

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.



39.0414, 49.4624, 57.1296



55.3579, 49.4624, 63.7563



41.9970, 49.4624, 36.6909

Square

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



55.3579, 49.4624, 63.7563



50.3530, 49.4624, 34.2618



39.5511, 49.4624, 45.0379



43.8232, 49.4624, 79.7793

Rectangle

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



55.3579, 49.4624, 63.7563



55.0022, 49.4624, 43.3178



39.5511, 49.4624, 45.0379



39.8366, 49.4624, 65.9785

Sweetspot

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



55.3594, 49.4646, 63.7573



89.5344, 90.2927, 102.9800



48.7676, 45.8332, 73.9874



19.0408, 19.1102, 21.9072



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.



55.3594, 49.4646, 63.7573



73.9995, 63.3768, 84.9957



52.7840, 48.4344, 50.1956



13.4162, 13.1956, 15.4529



20.3803, 10.1531, 16.9143



1.3601, 0.6737, 1.3050

Inverse Universe

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



55.3594, 49.4646, 63.7573



73.9995, 63.3768, 84.9957



54.7332, 64.8339, 72.0284



13.4162, 13.1956, 15.4529



20.3803, 10.1531, 16.9143



1.3601, 0.6737, 1.3050

Previews

White Background



This preview shows how the XYZ color 55.3579, 49.4624, 63.7563 looks on a white background.

Color Contrast Check

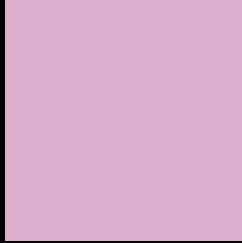
Large Text (above 18pt) WCAG AA × Fail

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 55.3579, 49.4624, 63.7563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

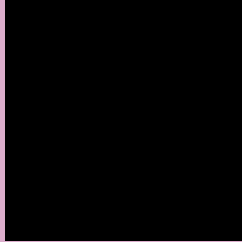
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3579, 49.4624, 63.7563

Background



This preview shows how black text looks on a background with the XYZ color 55.3579, 49.4624, 63.7563.



This preview shows how white text looks on a background with the XYZ color 55.3579, 49.4624,

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

55.3579, 49.4624, 63.7563

Protanopia

48.9710, 49.9386, 69.3454

Deuteranopia

50.6773, 49.7259, 62.8042



Tritanopia

53.6241, 49.6302, 54.8974

Trichromacy



Original Color

55.3579, 49.4624, 63.7563

Protanomaly

50.7974, 49.3870, 67.1769

Deuteranomaly

52.3532, 49.6738, 63.3286

Tritanomaly

54.2810, 49.6151, 57.7547

Monochromacy



Original Color

55.3579, 49.4624, 63.7563

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.4614, 50.8231, 59.3221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3579, 49.4624, 63.7563 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, 173, 204)` looks like.

```
.text, #text, p{  
    color:rgb(220, 173, 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(220, 173, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 173, 204) }
```

Border

The CSS property to change the border of an element to XYZ 55.3579, 49.4624, 63.7563 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, 173, 204) }
```


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

```
.border{ border-color:rgb(220, 173, 204) }
```

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

Here you see how a box with a 4 pixel rgb(220, 173, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 173, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 173, 204);  
box-shadow:4px 4px 4px 4px rgb(220, 173,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3579, 49.4624, 63.7563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 173, 204) }
```

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

```
.background{ background-color: rgb(220,  
173, 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](#).

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