

Converting Colors

XYZ(53.2770, 48.3431, 65.8715)

Have a look what the booklet for
XYZ(53.2770, 48.3431, 65.8715)
contains.

XYZ(53.3574, 48.3892, 65.5593)	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(53.3574, 48.3892,
65.5593)**

Conversions

Conversions Part 1

Format	Color
Hex	D4ADCF
RGB	212, 173, 207
RGB Percent	83%, 68%, 81%
CMY	0.1686, 0.3215, 0.1882
CMYK	0.00, 0.18, 0.02, 0.17
HSL	308°, 31%, 75%
HSV	308°, 18%, 83%
XYZ	53.3574, 48.3892, 65.5593
YIQ	188.5370, 12.3300, 18.8420

Conversions

Conversions Part 2

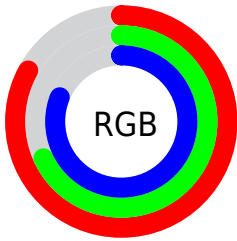
Format	Color
R_{YB}	212, 173, 207
Decimal	13938127
CIE _{Lab}	75.07, 19.92, -11.87
CIE _{LCh}	75, 23.191, 329.222
Yxy	48.3892, 0.3189, 0.2892
Android (android.graphics.Color)	4292128207 (0xFFD4ADCF)
YUV	188.5370, 9.1023, 20.5771
Hunter-Lab	69.5623, 15.1833, -7.1844

Details

The XYZ color **53.3574, 48.3892, 65.5593** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.8148, 59.1869, 50.9735**, and the grayscale version is **48.0515, 50.5539, 55.0532**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **26.3709, 22.9009, 33.1674** is the 20% darker color. If you saturate the color by 10%, you get **49.2813, 40.7636, 62.5755**, and if you desaturate by 10%, it is **58.0871, 57.3113, 68.7903**.

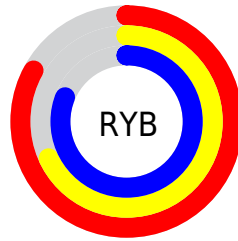
Distribution



Red (83%)

Green (68%)

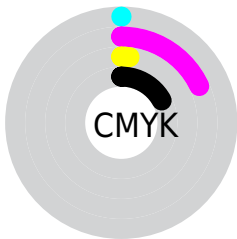
Blue (81%)



Red (83%)

Yellow (68%)

Blue (81%)

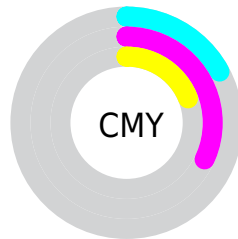


Cyan (0%)

Magenta (18%)

Yellow (2%)

Black (17%)



Cyan (17%)


Magenta (32%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3574, 48.3892, 65.5593 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 53.3574, 48.3892, 65.5593 by changing the saturation by 10% instead.


 53.3574, 48.3892,
65.5593

 53.3574, 48.3892,
65.5593


389.8933,
380.3328, 463.1602

 38.3168, 34.1352,
47.4605


 94.2925, 87.7836,
114.4745

 26.4070, 22.9975,
33.0429


120.9177,
113.6928, 146.1281

 17.2626, 14.5917,
21.8879


152.1351,
144.2558, 183.1370

 10.5184, 8.5333,
13.5770

188.3102,
179.8572, 225.9197

 5.8089, 4.4380,
7.6917

229.8081,
220.8811, 274.8949

 2.7688, 1.9215,
3.8134

276.9944,

 1.0327, 0.5613,

267.7121, 330.4810

1.5235

330.2343,
320.7345, 393.0966

■ 0.0000, 0.0000,
0.2354

■ 0.0000, 0.0000,
0.0000

■ 53.3574, 48.3892,
65.5593

■ 53.3574, 48.3892,
65.5593

■ 49.2813, 40.7636,
62.5755

■ 58.0871, 57.3113,
68.7903

■ 45.8242, 34.3675,
59.8256

■ 63.4944, 67.5803,
72.2749

■ 42.9546, 29.1374,
57.2995

■ 69.6075, 79.2516,
76.0234

■ 40.6366, 25.0017,
54.9851

■ 75.5501, 90.5726,
79.7436

■ 38.8306, 21.8806,
52.8690

■ 75.9086, 90.7160,
81.6312

■ 37.4911, 19.6840,
50.9359

■ 76.2729, 90.8617,
83.5498

■ 36.5652, 18.3054,
49.1681

■ 76.6431, 91.0098,
85.4993

■ 35.9726, 17.5847,
47.5386

■ 77.0192, 91.1602,
87.4799

■ 35.8895, 17.4923,
47.2835

■ 77.4013, 91.3131,
89.4919

Harmonies

Analogous

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



50.0879, 48.3892, 75.8009



53.3574, 48.3892, 65.5593



54.6342, 48.3892, 53.0052

Triad

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



53.3574, 48.3892, 65.5593



46.1032, 48.3892, 32.6221



39.2389, 48.3892, 64.9262

Complementary

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



53.3574, 48.3892, 65.5593



48.8148, 59.1869, 50.9735

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.



38.3137, 48.3892, 52.3713



53.3574, 48.3892, 65.5593



42.1266, 48.3892, 34.8268

Square

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



53.3574, 48.3892, 65.5593



50.2911, 48.3892, 35.0678



39.3385, 48.3892, 41.6216



41.9461, 48.3892, 75.3977

Rectangle

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



53.3574, 48.3892, 65.5593



54.1269, 48.3892, 45.3693



39.3385, 48.3892, 41.6216



38.7168, 48.3892, 60.7534

Sweetspot

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



53.3588, 48.3913, 65.5603



90.0476, 90.4980, 105.6823



45.0864, 44.0549, 68.4152



19.1623, 19.1588, 22.5473



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.



53.3588, 48.3913, 65.5603



78.5538, 68.8262, 97.7946



51.1683, 47.5151, 54.0251



12.8813, 12.6040, 15.3152



22.1823, 10.8092, 29.3276



1.3575, 0.6598, 1.8720

Inverse Universe

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



53.3588, 48.3913, 65.5603



78.5538, 68.8262, 97.7946



50.8625, 60.0059, 61.7565



12.8813, 12.6040, 15.3152



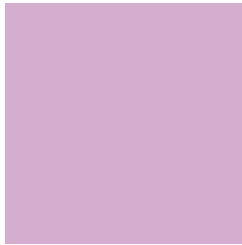
22.1823, 10.8092, 29.3276



1.3575, 0.6598, 1.8720

Previews

White Background



This preview shows how the XYZ color 53.3574, 48.3892, 65.5593 looks on a white background.

Color Contrast Check

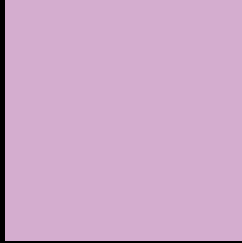
Large Text (above 18pt) WCAG AA × Fail

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 53.3574, 48.3892, 65.5593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

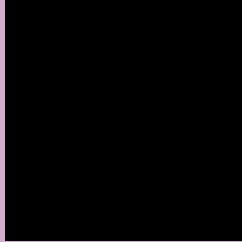
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3574, 48.3892, 65.5593

Background



This preview shows how black text looks on a background with the XYZ color 53.3574, 48.3892, 65.5593.



This preview shows how white text looks on a background with the XYZ color 53.3574, 48.3892,

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

53.3574, 48.3892, 65.5593

Protanopia

48.1005, 48.8393, 70.5101

Deuteranopia

49.4542, 48.4362, 65.1351



Tritanopia

51.3979, 48.4700, 55.3619

Trichromacy



Original Color

53.3574, 48.3892, 65.5593

Protanomaly

49.8174, 48.5521, 68.3739

Deuteranomaly

50.6821, 48.1799, 65.0209

Tritanomaly

52.1577, 48.4944, 58.8359

Monochromacy



Original Color

53.3574, 48.3892, 65.5593

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.9232, 49.7228, 59.1908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3574, 48.3892, 65.5593 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(212, 173, 207) looks like.

```
.text, #text, p{  
    color:rgb(212, 173, 207)  
}
```

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(212, 173, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 173, 207) }
```

Border

The CSS property to change the border of an element to XYZ 53.3574, 48.3892, 65.5593 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(212, 173, 207) }
```


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

```
.border{ border-color:rgb(212, 173, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 173, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 173, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 173, 207);  
box-shadow:4px 4px 4px 4px rgb(212, 173,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3574, 48.3892, 65.5593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 173, 207) }
```

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

```
.background{ background-color: rgb(212,  
173, 207) }
```

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