

Converting Colors

XYZ(45.5700, 43.5368, 59.4345)

Have a look what the booklet for
XYZ(45.5700, 43.5368, 59.4345)
contains.

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Color

**XYZ(45.5540, 43.6455,
59.4495)**

Conversions

Conversions Part 1

Format	Color
Hex	BDAAC6
RGB	189, 170, 198
RGB Percent	74%, 67%, 78%
CMY	0.2588, 0.3333, 0.2235
CMYK	0.05, 0.14, 0.00, 0.22
HSL	281°, 20%, 72%
HSV	281°, 14%, 78%
XYZ	45.5540, 43.6455, 59.4495
YIQ	178.8730, 2.3360, 12.7360

Conversions

Conversions Part 2

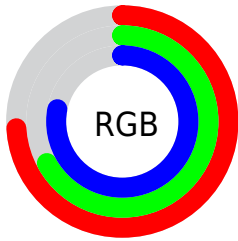
Format	Color
RYB	189, 170, 198
Decimal	12430022
CIELab	71.99, 12.02, -11.76
CIELCh	72, 16.813, 315.632
Yxy	43.6455, 0.3065, 0.2936
Android (android.graphics.Color)	4290620102 (0xFFBDAAC6)
YUV	178.8730, 9.4296, 8.8814
Hunter-Lab	66.0647, 7.4688, -7.1078

Details

The XYZ color **45.5540, 43.6455, 59.4495** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.0418, 52.8753, 45.8117**, and the grayscale version is **42.7317, 44.9571, 48.9583**.

A 20% lighter version of the original color is **82.6314, 80.4829, 105.7874**, and **21.6658, 20.2047, 29.1435** is the 20% darker color. If you saturate the color by 10%, you get **40.5742, 35.9780, 58.2326**, and if you desaturate by 10%, it is **51.1647, 52.4705, 60.8578**.

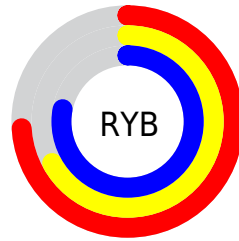
Distribution



Red (74%)

Green (67%)

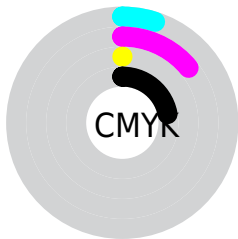
Blue (78%)



Red (74%)

Yellow (67%)

Blue (78%)

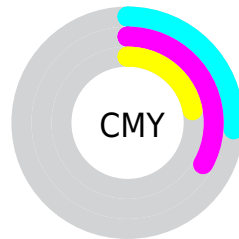


Cyan (5%)

Magenta (14%)

Yellow (0%)

Black (22%)



Cyan (26%)

Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5540, 43.6455, 59.4495 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 45.5540, 43.6455, 59.4495 by changing the saturation by 10% instead.

■ 45.5540, 43.6455,
59.4495

■ 45.5540, 43.6455,
59.4495

359.7587,
361.2597, 440.3138

■ 32.0972, 30.3919,
42.5527

■ 82.7831, 80.6840,
105.5662

■ 21.5916, 20.1363,
29.2055

107.2860,
105.2378, 135.6232

■ 13.6721, 12.4941,
18.9894

136.2017,
134.3270, 170.9040

■ 7.9731, 7.0811,
11.4859

169.8955,
168.3362, 211.8271

■ 4.1294, 3.5129,
6.2764

208.7327,
207.6496, 258.8111

■ 1.7756, 1.4050,
2.9424

253.0788,

■ 0.5029, 0.2204,

252.6518, 312.2745

1.0653

303.2990,
303.7270, 372.6359

■ 0.0000, 0.0000,
0.0000

■ 45.5540, 43.6455,
59.4495

■ 45.5540, 43.6455,
59.4495

■ 40.5742, 35.9780,
58.2326

■ 51.1647, 52.4705,
60.8578

■ 36.1956, 29.4121,
57.1961

■ 57.4267, 62.4945,
62.4626

■ 32.3919, 23.8956,
56.3318

■ 64.3640, 73.7640,
64.2722

■ 29.1329, 19.3698,
55.6300

■ 71.9985, 86.3209,
66.2936

■ 26.3858, 15.7701,
55.0799

■ 75.7189, 90.9421,
66.9895

■ 24.1135, 13.0241,
54.6697

■ 77.6919, 91.9592,
67.0818

■ 22.2736, 11.0481,
54.3852

■ 79.7391, 93.0146,
67.1776

■ 20.8147, 9.7410,
54.2098

■ 81.8614, 94.1086,
67.2769

■ 20.0809, 9.1746,
54.1392

■ 84.0594, 95.2417,
67.3798

Harmonies

Analogous

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



42.9882, 43.6455, 64.4203



45.5540, 43.6455, 59.4495



47.0610, 43.6455, 51.5521

Triad

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



45.5540, 43.6455, 59.4495



42.8679, 43.6455, 33.8008



36.3943, 43.6455, 51.9086

Complementary

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



45.5540, 43.6455, 59.4495



46.0418, 52.8753, 45.8117

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.



36.3655, 43.6455, 43.7086



45.5540, 43.6455, 59.4495



40.0148, 43.6455, 33.8728

Square

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



45.5540, 43.6455, 59.4495



45.4624, 43.6455, 37.0986



37.6635, 43.6455, 37.3080



37.7442, 43.6455, 59.7362

Rectangle

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



45.5540, 43.6455, 59.4495



47.2199, 43.6455, 45.9886



37.6635, 43.6455, 37.3080



36.2320, 43.6455, 49.0902

Sweetspot

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



45.5553, 43.6474, 59.4505



90.6859, 93.0473, 107.7880



42.9593, 44.9991, 59.8482



19.2394, 19.6445, 23.0277



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.



45.5553, 43.6474, 59.4505



77.8038, 72.8443, 104.5674



47.3276, 44.6222, 56.7667



10.7388, 10.6391, 13.4051



13.1514, 6.0141, 35.2120



0.6959, 0.3225, 1.6707

Inverse Universe

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



45.8016, 44.0119, 48.7312



78.3667, 73.6404, 81.7371



44.4784, 52.0174, 48.0841



10.7720, 10.6922, 11.7829



15.7755, 8.0598, 4.0279



0.7803, 0.3950, 0.3664

Previews

White Background



This preview shows how the XYZ color 45.5540, 43.6455, 59.4495 looks on a white background.

Color Contrast Check

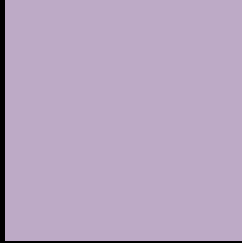
Large Text (above 18pt) WCAG AA × Fail

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 45.5540, 43.6455, 59.4495 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 45.5540, 43.6455, 59.4495

Background



This preview shows how black text looks on a background with the XYZ color 45.5540, 43.6455, 59.4495.



This preview shows how white text looks on a background with the XYZ color 45.5540, 43.6455,

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

45.5540, 43.6455, 59.4495

Protanopia

42.8858, 43.6476, 61.4229

Deuteranopia

44.7127, 43.7726, 59.5184



Tritanopia

44.1090, 43.6150, 52.5481

Trichromacy



Original Color

45.5540, 43.6455, 59.4495

Protanomaly

43.7290, 43.5222, 60.7394

Deuteranomaly

45.0057, 43.6421, 59.4778

Tritanomaly

44.5962, 43.5349, 54.7678

Monochromacy



Original Color

45.5540, 43.6455, 59.4495

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.9167, 44.6631, 52.7606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5540, 43.6455, 59.4495 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(189, 170, 198)` looks like.

```
.text, #text, p{  
    color:rgb(189, 170, 198)  
}
```

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(189, 170, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 170, 198) }
```

Border

The CSS property to change the border of an element to XYZ 45.5540, 43.6455, 59.4495 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(189, 170, 198) }
```


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

```
.border{ border-color:rgb(189, 170, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 170, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 170, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 170, 198);  
box-shadow:4px 4px 4px 4px rgb(189, 170,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5540, 43.6455, 59.4495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 170, 198) }
```

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

```
.background{ background-color: rgb(189,  
170, 198) }
```

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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