

Converting Colors

XYZ(43.9193, 41.6442, 55.3279)

Have a look what the booklet for
XYZ(43.9193, 41.6442, 55.3279)
contains.

XYZ(43.9558, 41.5349, 55.5695)	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(43.9558, 41.5349,
55.5695)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA5C0
RGB	189, 165, 192
RGB Percent	74%, 65%, 75%
CMY	0.2588, 0.3529, 0.2471
CMYK	0.02, 0.14, 0.00, 0.25
HSL	293°, 18%, 70%
HSV	293°, 14%, 75%
XYZ	43.9558, 41.5349, 55.5695
YIQ	175.2540, 5.6370, 13.4850

Conversions

Conversions Part 2

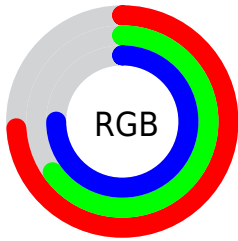
Format	Color
RYB	189, 165, 192
Decimal	12428736
CIELab	70.55, 13.60, -10.61
CIELCh	71, 17.250, 322.057
Yxy	41.5349, 0.3116, 0.2944
Android (android.graphics.Color)	4290618816 (0xFFBDA5C0)
YUV	175.2540, 8.2558, 12.0552
Hunter-Lab	64.4476, 8.9608, -6.0091

Details

The XYZ color **43.9558, 41.5349, 55.5695** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.7913, 48.7419, 42.8050**, and the grayscale version is **40.8367, 42.9633, 46.7871**.

A 20% lighter version of the original color is **80.1927, 77.3762, 99.5154**, and **20.7187, 18.9086, 26.9838** is the 20% darker color. If you saturate the color by 10%, you get **40.2244, 34.8514, 54.4767**, and if you desaturate by 10%, it is **48.2173, 49.2657, 56.8377**.

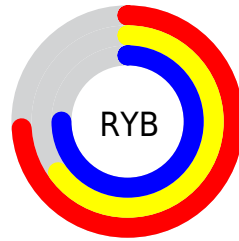
Distribution



Red (74%)

Green (65%)

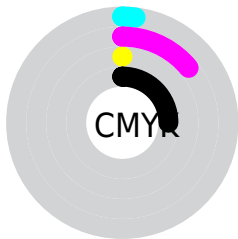
Blue (75%)



Red (74%)

Yellow (65%)

Blue (75%)

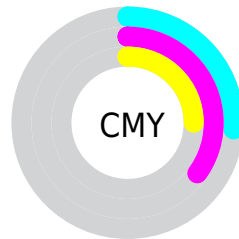


Cyan (2%)

Magenta (14%)

Yellow (0%)

Black (25%)



Cyan (26%)


Magenta (35%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9558, 41.5349, 55.5695 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 43.9558, 41.5349, 55.5695 by changing the saturation by 10% instead.


 43.9558, 41.5349,
55.5695

 43.9558, 41.5349,
55.5695


353.3831,
352.5513, 425.4097

 30.8335, 28.7373,
39.4562

 80.3980, 77.4952,
99.8544

 20.6233, 18.8822,
26.8042


 104.4486,
101.4267, 128.8630

 12.9598, 11.5852,
17.1951


132.8727,
129.8383, 163.0072

 7.4777, 6.4619,
10.2103

166.0357,
163.1144, 202.7054

 3.8116, 3.1279,
5.4312

204.3029,
201.6393, 248.3762

 1.5961, 1.1989,
2.4393

248.0396,

 0.3899, 0.0608,

245.7975, 300.4382

0.8077

297.6112,
295.9734, 359.3098

■ 0.0000, 0.0000,
0.0000

■ 43.9558, 41.5349,
55.5695

■ 43.9558, 41.5349,
55.5695

■ 40.2244, 34.8514,
54.4767

■ 48.2173, 49.2657,
56.8377

■ 36.9963, 29.1638,
53.5491

■ 53.0270, 58.0819,
58.2859

■ 34.2479, 24.4240,
52.7790

■ 58.4065, 68.0260,
59.9218

■ 31.9522, 20.5782,
52.1577

■ 64.3752, 79.1368,
61.7518

■ 30.0795, 17.5670,
51.6752

■ 69.0057, 87.5597,
63.1335

■ 28.5964, 15.3236,
51.3204

■ 69.5784, 87.8549,
63.1603

■ 27.4644, 13.7714,
51.0804

■ 70.1590, 88.1542,
63.1875

■ 26.6372, 12.8175,
50.9399

■ 70.7476, 88.4577,
63.2150

■ 26.2362, 12.4261,
50.8855

■ 71.3443, 88.7653,
63.2430

Harmonies

Analogous

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



41.5701, 41.5349, 61.3730



43.9558, 41.5349, 55.5695



45.1536, 41.5349, 47.4264

Triad

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



43.9558, 41.5349, 55.5695



40.2392, 41.5349, 31.4018



34.6166, 41.5349, 51.3736

Complementary

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



43.9558, 41.5349, 55.5695



41.7913, 48.7419, 42.8050

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.



34.2985, 41.5349, 43.0917



43.9558, 41.5349, 55.5695



37.4567, 41.5349, 32.1905

Square

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



43.9558, 41.5349, 55.5695



42.9415, 41.5349, 33.9492



35.3145, 41.5349, 36.2503



36.2053, 41.5349, 58.7548

Rectangle

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



43.9558, 41.5349, 55.5695



45.0789, 41.5349, 42.0267



35.3145, 41.5349, 36.2503



34.3608, 41.5349, 48.5804

Sweetspot

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



43.9570, 41.5367, 55.5704



87.3633, 89.2605, 102.9848



39.0637, 39.8679, 55.5062



18.6091, 18.9065, 22.0538



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.9570, 41.5367, 55.5704



77.3723, 71.1685, 100.0192



43.6021, 41.4816, 49.7765



10.3835, 10.1889, 12.7042



17.6949, 8.3825, 34.2420



0.7966, 0.3787, 1.4810

Inverse Universe

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



42.2628, 40.9459, 42.7239



73.7036, 69.8939, 71.9849



42.1405, 48.8086, 47.9395



10.1177, 10.0957, 10.7103



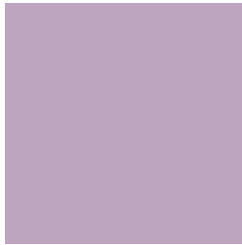
14.7355, 7.5839, 1.2532



0.6522, 0.3339, 0.1359

Previews

White Background



This preview shows how the XYZ color 43.9558, 41.5349, 55.5695 looks on a white background.

Color Contrast Check

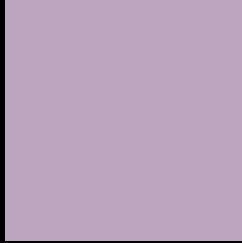
Large Text (above 18pt) WCAG AA × Fail

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 43.9558, 41.5349, 55.5695 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 43.9558, 41.5349, 55.5695

Background



This preview shows how black text looks on a background with the XYZ color 43.9558, 41.5349, 55.5695.



This preview shows how white text looks on a background with the XYZ color 43.9558, 41.5349,

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

43.9558, 41.5349, 55.5695

Protanopia

40.8889, 41.5464, 58.0887

Deuteranopia

42.4627, 41.5906, 55.0800



Tritanopia

42.5505, 41.4975, 48.9472

Trichromacy



Original Color

43.9558, 41.5349, 55.5695

Protanomaly

41.9428, 41.5462, 57.4383

Deuteranomaly

42.9899, 41.5894, 55.0520

Tritanomaly

43.0270, 41.4245, 51.0754

Monochromacy



Original Color

43.9558, 41.5349, 55.5695

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.7258, 42.1653, 49.6556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9558, 41.5349, 55.5695 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, 165, 192)` looks like.

```
.text, #text, p{  
    color:rgb(189, 165, 192)  
}
```

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, 165, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 165, 192) }
```

Border

The CSS property to change the border of an element to XYZ 43.9558, 41.5349, 55.5695 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, 165, 192) }
```


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

```
.border{ border-color:rgb(189, 165, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 165, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 165, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 165, 192);  
box-shadow:4px 4px 4px 4px rgb(189, 165,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9558, 41.5349, 55.5695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 165, 192) }
```

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

```
.background{ background-color: rgb(189,  
165, 192) }
```

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