

Converting Colors

XYZ(44.7158, 43.6590, 59.2302)

Have a look what the booklet for
XYZ(44.7158, 43.6590, 59.2302)
contains.

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Color

**XYZ(44.9532, 43.8966,
59.5297)**

Conversions

Conversions Part 1

Format	Color
Hex	B9ACC6
RGB	185, 172, 198
RGB Percent	73%, 67%, 78%
CMY	0.2745, 0.3255, 0.2235
CMYK	0.07, 0.13, 0.00, 0.22
HSL	270°, 19%, 73%
HSV	270°, 13%, 78%
XYZ	44.9532, 43.8966, 59.5297
YIQ	178.8510, -0.5980, 10.8420

Conversions

Conversions Part 2

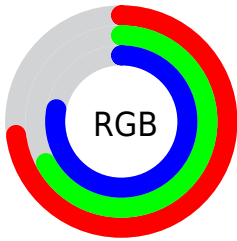
Format	Color
R _Y B	185, 172, 198
Decimal	12168390
CIE Lab	72.16, 9.57, -11.54
CIE LCh	72, 14.989, 309.655
Yxy	43.8966, 0.3030, 0.2958
Android (android.graphics.Color)	4290358470 (0xFFB9ACC6)
YUV	178.8510, 9.4405, 5.3927
Hunter-Lab	66.2545, 5.1656, -6.8939

Details

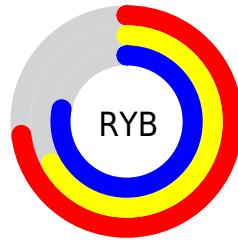
The XYZ color **44.9532, 43.8966, 59.5297** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.6497, 53.6822, 46.8822**, and the grayscale version is **42.7211, 44.9460, 48.9462**.

A 20% lighter version of the original color is **81.7947, 80.8589, 105.9040**, and **21.2662, 20.3521, 29.1931** is the 20% darker color. If you saturate the color by 10%, you get **39.1564, 35.7257, 58.2588**, and if you desaturate by 10%, it is **51.4804, 53.2798, 60.9975**.

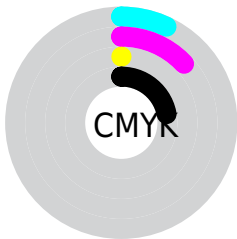
Distribution



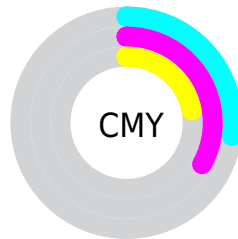
- Red (73%)
- Green (67%)
- Blue (78%)



- Red (73%)
- Yellow (67%)
- Blue (78%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (27%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.9532, 43.8966, 59.5297 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 44.9532, 43.8966, 59.5297 by changing the saturation by 10% instead.

■ 44.9532, 43.8966,
59.5297

■ 44.9532, 43.8966,
59.5297

357.3709,
362.2862, 440.6185

■ 31.6217, 30.5892,
42.6169

■ 81.8877, 81.0621,
105.6838

■ 21.2268, 20.2863,
29.2554

106.2213,
105.6891, 135.7622

■ 13.4033, 12.6033,
19.0269

134.9531,
134.8580, 171.0661

■ 7.7858, 7.1560,
11.5127

168.4483,
168.9533, 212.0142

■ 4.0088, 3.5598,
6.2943

207.0724,
208.3594, 259.0249

■ 1.7071, 1.4305,
2.9532

251.1906,

■ 0.4607, 0.2391,

253.4606, 312.5168

1.0708

301.1683,
304.6414, 372.9085

■ 0.0000, 0.0000,
0.0000

■ 44.9532, 43.8966,
59.5297

■ 44.9532, 43.8966,
59.5297

■ 39.1564, 35.7257,
58.2588

■ 51.4804, 53.2798,
60.9975

■ 34.0580, 28.7104,
57.1734

■ 58.7606, 63.9180,
62.6672

■ 29.6293, 22.7975,
56.2655

■ 66.8200, 75.8582,
64.5471

■ 25.8377, 17.9276,
55.5253

■ 75.6827, 89.1438,
66.6443

■ 22.6479, 14.0351,
54.9421

■ 80.0512, 93.1755,
67.1923

■ 20.0204, 11.0471,
54.5039

■ 83.4027, 94.9032,
67.3491

■ 17.9104, 8.8797,
54.1967

■ 86.9389, 96.7262,
67.5146

■ 16.2644, 7.4324,
54.0041

■ 87.1932, 96.8573,
67.5265

■ 15.3379, 6.7295,
53.9173

Harmonies

Analogous

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



42.5560, 43.8966, 63.1347



44.9532, 43.8966, 59.5297



46.5250, 43.8966, 52.8824

Triad

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



44.9532, 43.8966, 59.5297



43.4626, 43.8966, 35.7261



37.0419, 43.8966, 50.2070

Complementary

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



44.9532, 43.8966, 59.5297



47.6497, 53.6822, 46.8822

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.



37.2622, 43.8966, 43.0466



44.9532, 43.8966, 59.5297



40.8998, 43.8966, 35.1675

Square

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



44.9532, 43.8966, 59.5297



45.6402, 43.8966, 39.3282



38.6502, 43.8966, 37.7152



38.0355, 43.8966, 57.3994

Rectangle

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



44.9532, 43.8966, 59.5297



46.8569, 43.8966, 47.8810



38.6502, 43.8966, 37.7152



36.9774, 43.8966, 47.7109

Sweetspot

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



44.9545, 43.8985, 59.5307



90.0303, 92.7093, 107.7573



44.6477, 47.7291, 60.2862



19.0734, 19.5589, 23.0199



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.



44.9545, 43.8985, 59.5307



76.2757, 73.0083, 104.6796



48.1215, 45.5311, 59.6789



10.5534, 10.5436, 13.3964



10.0732, 4.4272, 35.0680



0.5605, 0.2527, 1.6644

Inverse Universe

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



46.7997, 45.0156, 52.1233



80.2751, 75.4296, 88.6243



44.7506, 52.1877, 46.7465



10.8513, 10.7239, 12.2005



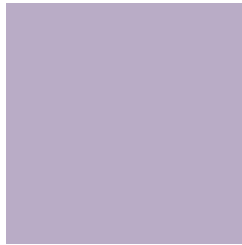
16.6533, 8.4109, 8.6501



0.8251, 0.4129, 0.6021

Previews

White Background



This preview shows how the XYZ color 44.9532, 43.8966, 59.5297 looks on a white background.

Color Contrast Check

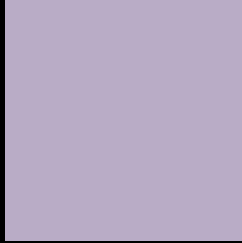
Large Text (above 18pt) WCAG AA × Fail

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 44.9532, 43.8966, 59.5297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

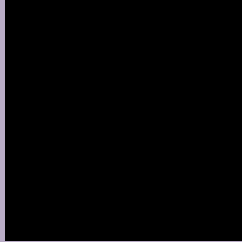
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.9532, 43.8966, 59.5297

Background



This preview shows how black text looks on a background with the XYZ color 44.9532, 43.8966, 59.5297.



This preview shows how white text looks on a background with the XYZ color 44.9532, 43.8966,

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

44.9532, 43.8966, 59.5297

Protanopia

43.1842, 44.1050, 60.8807

Deuteranopia

44.7127, 43.7726, 59.5184



Tritanopia

43.6341, 43.9272, 53.1927

Trichromacy



Original Color

44.9532, 43.8966, 59.5297

Protanomaly

43.7702, 44.1306, 60.2439

Deuteranomaly

44.7127, 43.7726, 59.5184

Tritanomaly

44.1147, 43.8391, 55.4269

Monochromacy



Original Color

44.9532, 43.8966, 59.5297

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.4443, 44.4196, 52.7385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9532, 43.8966, 59.5297 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(185, 172, 198)` looks like.

```
.text, #text, p{  
    color:rgb(185, 172, 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(185, 172, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 172, 198) }
```

Border

The CSS property to change the border of an element to XYZ 44.9532, 43.8966, 59.5297 is called "border". The border property can be set on classes, ids or directly on the HTML element.

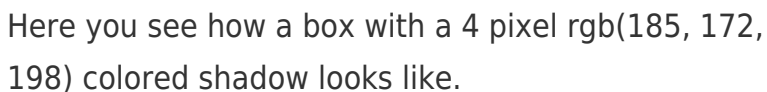
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 172, 198) }
```


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

```
.border{ border-color:rgb(185, 172, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 172, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 172, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 172, 198); box-shadow:4px 4px 4px 4px rgb(185, 172, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9532, 43.8966, 59.5297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 172, 198) }
```

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

```
.background{ background-color: rgb(185,  
172, 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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