

Converting Colors

XYZ(43.5546, 39.9111, 48.8745)

Have a look what the booklet for
XYZ(43.5546, 39.9111, 48.8745)
contains.

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Color

**XYZ(43.5036, 39.8682,
49.1185)**

Conversions

Conversions Part 1

Format	Color
Hex	C49FB5
RGB	196, 159, 181
RGB Percent	77%, 62%, 71%
CMY	0.2314, 0.3765, 0.2902
CMYK	0.00, 0.19, 0.08, 0.23
HSL	324°, 24%, 70%
HSV	324°, 19%, 77%
XYZ	43.5036, 39.8682, 49.1185
YIQ	172.5710, 14.9900, 14.6860

Conversions

Conversions Part 2

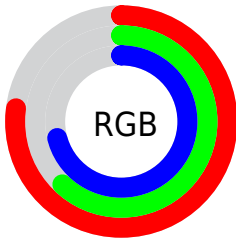
Format	Color
RYB	196, 159, 181
Decimal	12885941
CIELab	69.38, 17.33, -6.19
CIELCh	69, 18.403, 340.349
Yxy	39.8682, 0.3284, 0.3009
Android (android.graphics.Color)	4291076021 (0xFFC49FB5)
YUV	172.5710, 4.1555, 20.5472
Hunter-Lab	63.1413, 12.4872, -1.9237

Details

The XYZ color **43.5036, 39.8682, 49.1185** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.6796, 49.9079, 47.4832**, and the grayscale version is **39.4773, 41.5332, 45.2297**.

A 20% lighter version of the original color is **79.8406, 75.0902, 90.4066**, and **20.3093, 17.8247, 22.7922** is the 20% darker color. If you saturate the color by 10%, you get **39.6046, 33.3377, 43.9101**, and if you desaturate by 10%, it is **47.9859, 47.4897, 54.7517**.

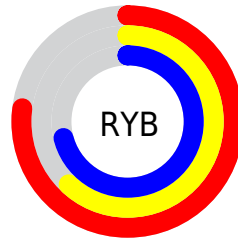
Distribution



Red (77%)

Green (62%)

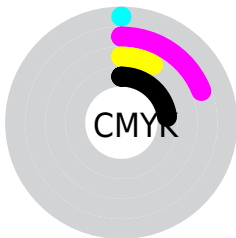
Blue (71%)



Red (77%)

Yellow (62%)

Blue (71%)

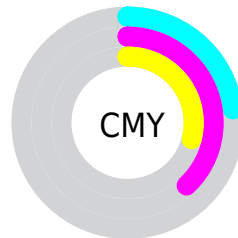


Cyan (0%)

Magenta (19%)

Yellow (8%)

Black (23%)



Cyan (23%)


Magenta (38%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5036, 39.8682, 49.1185 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 43.5036, 39.8682, 49.1185 by changing the saturation by 10% instead.


 43.5036, 39.8682,
49.1185

 43.5036, 39.8682,
49.1185


351.5653,
345.5677, 399.8445

 30.4767, 27.4358,
34.3472


 79.7212, 74.9628,
90.2502

 20.3505, 17.9008,
22.8810


 103.6427, 98.3937,
117.4478

 12.7599, 10.8788,
14.3012


131.9263,
126.2597, 149.6245

 7.3392, 5.9854,
8.1893

164.9376,
158.9450, 187.1989

 3.7234, 2.8362,
4.1268

203.0417,
196.8340, 230.5896

 1.5469, 1.0468,
1.6952

246.6041,

 0.3574, 0.0000,

240.3112, 280.2151

0.3574

295.9902,
289.7610, 336.4938

■ 0.0000, 0.0000,
0.0000

■ 43.5036, 39.8682,
49.1185

■ 43.5036, 39.8682,
49.1185

■ 39.6046, 33.3377,
43.9101

■ 47.9859, 47.4897,
54.7517

■ 36.2595, 27.8423,
39.1117

■ 53.0721, 56.2441,
60.8190

■ 33.4416, 23.3293,
34.7107

■ 58.7864, 66.1777,
67.3324

■ 31.1203, 19.7389,
30.6932

■ 65.1502, 77.3324,
74.3027

■ 29.2618, 17.0049,
27.0437

■ 71.5411, 88.4623,
81.5259

■ 27.8280, 15.0522,
23.7452

■ 72.6237, 88.8953,
87.2268

■ 26.7740, 13.7925,
20.7785

■ 73.7571, 89.3486,
93.1950

■ 26.0252, 13.0782,
18.1142

■ 74.9419, 89.8226,
99.4342

■ 25.9488, 13.0093,
17.8296

■ 76.1788, 90.3173,
105.9477

Harmonies

Analogous

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



41.6947, 39.8682, 57.0380



43.5036, 39.8682, 49.1185



43.7658, 39.8682, 40.5500

Triad

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



43.5036, 39.8682, 49.1185



36.8814, 39.8682, 29.2821



33.7239, 39.8682, 54.8274

Complementary

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



43.5036, 39.8682, 49.1185



41.6796, 49.9079, 47.4832

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.



32.5716, 39.8682, 46.4007



43.5036, 39.8682, 49.1185



34.3307, 39.8682, 32.1460

Square

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



43.5036, 39.8682, 49.1185



39.8377, 39.8682, 29.8109



32.7878, 39.8682, 38.1613



36.0137, 39.8682, 60.6193

Rectangle

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



43.5036, 39.8682, 49.1185



43.0143, 39.8682, 35.6919



32.7878, 39.8682, 38.1613



33.1962, 39.8682, 52.1668

Sweetspot

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



43.5048, 39.8700, 49.1193



89.3790, 90.2306, 102.1618



39.7746, 37.7595, 57.4172



19.0040, 19.0955, 21.7137



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.



43.5048, 39.8700, 49.1193



75.5140, 66.6799, 84.6553



41.7485, 39.1675, 39.8712



10.3188, 10.1761, 11.7696



16.7166, 8.3764, 11.6854



0.7557, 0.3753, 0.6809

Inverse Universe

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



43.5048, 39.8700, 49.1193



75.5140, 66.6799, 84.6553



43.5870, 50.6709, 57.5277



10.3188, 10.1761, 11.7696



16.7166, 8.3764, 11.6854



0.7557, 0.3753, 0.6809

Previews

White Background



This preview shows how the XYZ color 43.5036, 39.8682, 49.1185 looks on a white background.

Color Contrast Check

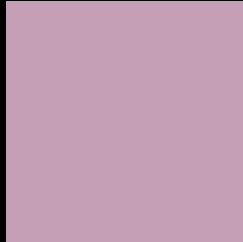
Large Text (above 18pt) WCAG AA × Fail

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 43.5036, 39.8682, 49.1185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

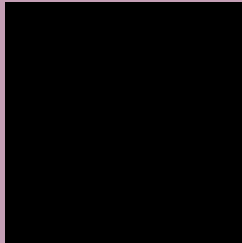
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5036, 39.8682, 49.1185

Background



This preview shows how black text looks on a background with the XYZ color 43.5036, 39.8682, 49.1185.



This preview shows how white text looks on a background with the XYZ color 43.5036, 39.8682,

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

43.5036, 39.8682, 49.1185

Protanopia

39.1207, 39.9180, 52.6568

Deuteranopia

40.7494, 40.0293, 48.7587



Tritanopia

42.6193, 39.7608, 44.9635

Trichromacy



Original Color

43.5036, 39.8682, 49.1185

Protanomaly

40.5722, 39.8780, 51.4578

Deuteranomaly

41.5851, 39.9288, 48.6953

Tritanomaly

42.9130, 39.8783, 46.5098

Monochromacy



Original Color

43.5036, 39.8682, 49.1185

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.8952, 40.9636, 46.8257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5036, 39.8682, 49.1185 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(196, 159, 181)` looks like.

```
.text, #text, p{  
    color:rgb(196, 159, 181)  
}
```

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(196, 159, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 159, 181) }
```

Border

The CSS property to change the border of an element to XYZ 43.5036, 39.8682, 49.1185 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(196, 159, 181) }
```


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

```
.border{ border-color:rgb(196, 159, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 159, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 159, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 159, 181);  
box-shadow:4px 4px 4px 4px rgb(196, 159,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5036, 39.8682, 49.1185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 159, 181) }
```

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

```
.background{ background-color: rgb(196,  
159, 181) }
```

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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