

Converting Colors

XYZ(44.2794, 39.8328, 49.5647)

Have a look what the booklet for
XYZ(44.2794, 39.8328, 49.5647)
contains.

XYZ(44.3199, 39.7707, 49.5966)	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(44.3199, 39.7707,
49.5966)**

Conversions

Conversions Part 1

Format	Color
Hex	C89DB6
RGB	200, 157, 182
RGB Percent	78%, 62%, 71%
CMY	0.2157, 0.3843, 0.2863
CMYK	0.00, 0.21, 0.09, 0.22
HSL	325°, 28%, 70%
HSV	325°, 21%, 78%
XYZ	44.3199, 39.7707, 49.5966
YIQ	172.7070, 17.6030, 16.8910

Conversions

Conversions Part 2

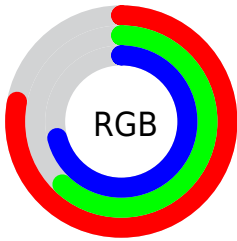
Format	Color
R_{YB}	200, 157, 182
Decimal	13147574
CIE _{Lab}	69.31, 20.03, -6.81
CIE _{LCh}	69, 21.151, 341.232
Yxy	39.7707, 0.3315, 0.2975
Android (android.graphics.Color)	4291337654 (0xFFC89DB6)
YUV	172.7070, 4.5814, 23.9360
Hunter-Lab	63.0640, 15.0836, -2.4837

Details

The XYZ color **44.3199, 39.7707, 49.5966** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.2984, 51.5729, 48.2850**, and the grayscale version is **39.5434, 41.6028, 45.3054**.

A 20% lighter version of the original color is **80.2161, 74.5200, 91.0449**, and **20.8681, 17.7991, 23.1046** is the 20% darker color. If you saturate the color by 10%, you get **40.3698, 33.2136, 44.1378**, and if you desaturate by 10%, it is **48.8780, 47.4598, 55.5142**.

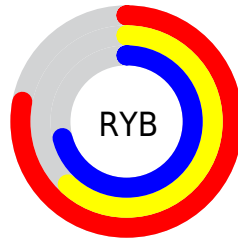
Distribution



Red (78%)

Green (62%)

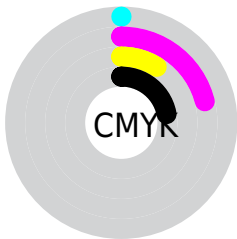
Blue (71%)



Red (78%)

Yellow (62%)

Blue (71%)

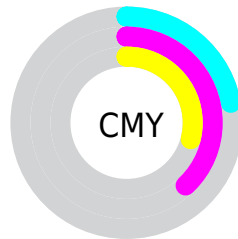


Cyan (0%)

Magenta (21%)

Yellow (9%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3199, 39.7707, 49.5966 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 44.3199, 39.7707, 49.5966 by changing the saturation by 10% instead.


 44.3199, 39.7707,
49.5966

 44.3199, 39.7707,
49.5966


354.8423,
345.1562, 401.7761

 31.1211, 27.3598,
34.7240


 80.9423, 74.8142,
90.9670

 20.8433, 17.8436,
23.1685


 105.0965, 98.2156,
118.3020

 13.1213, 10.8378,
14.5115


133.6333,
126.0493, 150.6282

 7.5897, 5.9579,
8.3345

166.9179,
158.6997, 188.3641

 3.8832, 2.8195,
4.2189

205.3158,
196.5512, 231.9283

 1.6362, 1.0382,
1.7462

249.1922,

 0.4159, 0.0000,

239.9882, 281.7393

0.3921

298.9126,
289.3950, 338.2157

■ 0.0000, 0.0000,
0.0000

■ 44.3199, 39.7707,
49.5966

■ 44.3199, 39.7707,
49.5966

■ 40.3698, 33.2136,
44.1378

■ 48.8780, 47.4598,
55.5142

■ 36.9963, 27.7291,
39.1217

■ 54.0665, 56.3260,
61.9012

■ 34.1706, 23.2600,
34.5344

■ 59.9109, 66.4186,
68.7706

■ 31.8596, 19.7422,
30.3605

■ 66.4345, 77.7825,
76.1342

■ 30.0268, 17.1037,
26.5827

■ 73.0159, 89.1740,
83.7891

■ 28.6301, 15.2624,
23.1823

■ 74.1790, 89.6392,
89.9137

■ 27.6199, 14.1204,
20.1374

■ 75.3988, 90.1271,
96.3369

■ 26.9880, 13.5468,
17.7987

■ 76.6760, 90.6380,
103.0627

■ 77.6297, 91.0195,
108.0847

Harmonies

Analogous

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



42.2656, 39.7707, 58.9278



44.3199, 39.7707, 49.5966



44.5671, 39.7707, 39.7654

Triad

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



44.3199, 39.7707, 49.5966



36.5444, 39.7707, 27.4422



33.1042, 39.7707, 56.8215

Complementary

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



44.3199, 39.7707, 49.5966



42.2984, 51.5729, 48.2850

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.



31.7567, 39.7707, 47.0456



44.3199, 39.7707, 49.5966



33.6622, 39.7707, 30.7183

Square

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



44.3199, 39.7707, 49.5966



39.9387, 39.7707, 27.9137



31.9546, 39.7707, 37.5667



35.7407, 39.7707, 63.5106

Rectangle

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



44.3199, 39.7707, 49.5966



43.6577, 39.7707, 34.3209



31.9546, 39.7707, 37.5667



32.4928, 39.7707, 53.7309

Sweetspot

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



44.3211, 39.7725, 49.5974



89.3476, 90.2180, 101.9962



40.1444, 37.3904, 59.7454



18.9966, 19.0925, 21.6745



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.



44.3211, 39.7725, 49.5974



73.2720, 63.0858, 81.1649



42.2742, 38.9537, 38.8186



10.8881, 10.7386, 12.3938



17.2053, 8.6317, 11.5567



0.8502, 0.4229, 0.7344

Inverse Universe

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



44.3211, 39.7725, 49.5974



73.2720, 63.0858, 81.1649



44.5715, 52.4822, 60.2552



10.8881, 10.7386, 12.3938



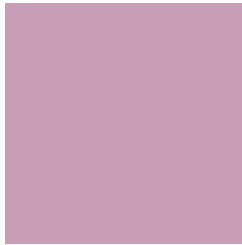
17.2053, 8.6317, 11.5567



0.8502, 0.4229, 0.7344

Previews

White Background



This preview shows how the XYZ color 44.3199, 39.7707, 49.5966 looks on a white background.

Color Contrast Check

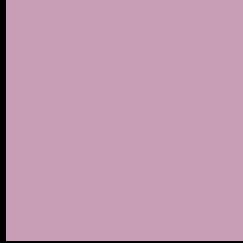
Large Text (above 18pt) WCAG AA × Fail

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 44.3199, 39.7707, 49.5966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

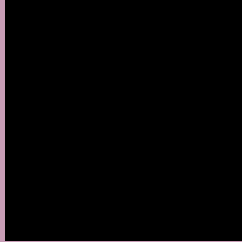
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.3199, 39.7707, 49.5966

Background



This preview shows how black text looks on a background with the XYZ color 44.3199, 39.7707, 49.5966.



This preview shows how white text looks on a background with the XYZ color 44.3199, 39.7707,

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

44.3199, 39.7707, 49.5966

Protanopia

39.1243, 39.8949, 53.7825

Deuteranopia

40.8517, 40.0702, 49.2973



Tritanopia

43.3020, 39.8787, 43.9432

Trichromacy



Original Color

44.3199, 39.7707, 49.5966

Protanomaly

40.7288, 39.6798, 51.9667

Deuteranomaly

41.9999, 39.8682, 49.1978

Tritanomaly

43.5179, 39.6910, 45.9249

Monochromacy



Original Color

44.3199, 39.7707, 49.5966

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.1836, 40.8393, 46.7865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3199, 39.7707, 49.5966 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(200, 157, 182)` looks like.

```
.text, #text, p{  
    color:rgb(200, 157, 182)  
}
```

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(200, 157, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 157, 182) }
```

Border

The CSS property to change the border of an element to XYZ 44.3199, 39.7707, 49.5966 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(200, 157, 182) }
```


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

```
.border{ border-color:rgb(200, 157, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 157, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 157, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 157, 182);  
box-shadow:4px 4px 4px 4px rgb(200, 157,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3199, 39.7707, 49.5966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 157, 182) }
```

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

```
.background{ background-color: rgb(200,  
157, 182) }
```

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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