

Converting Colors

XYZ(44.4382, 39.6639, 49.8554)

Have a look what the booklet for
XYZ(44.4382, 39.6639, 49.8554)
contains.

XYZ(44.5231, 39.6133, 50.0993)	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(44.5231, 39.6133,
50.0993)**

Conversions

Conversions Part 1

Format	Color
Hex	C99CB7
RGB	201, 156, 183
RGB Percent	79%, 61%, 72%
CMY	0.2118, 0.3882, 0.2823
CMYK	0.00, 0.22, 0.09, 0.21
HSL	324°, 29%, 70%
HSV	324°, 22%, 79%
XYZ	44.5231, 39.6133, 50.0993
YIQ	172.5330, 18.1530, 17.9370

Conversions

Conversions Part 2

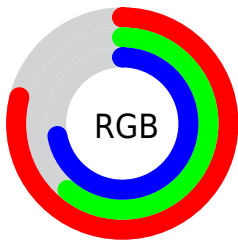
Format	Color
R _Y B	201, 156, 183
Decimal	13212855
CIE Lab	69.19, 21.10, -7.52
CIE LCh	69, 22.403, 340.394
Yxy	39.6133, 0.3317, 0.2951
Android (android.graphics.Color)	4291402935 (0xFFC99CB7)
YUV	172.5330, 5.1602, 24.9656
Hunter-Lab	62.9391, 16.1274, -3.1373

Details

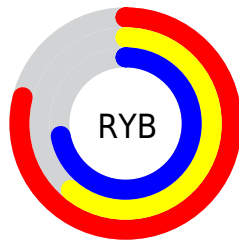
The XYZ color **44.5231, 39.6133, 50.0993** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.2385, 51.8983, 47.8379**, and the grayscale version is **39.4520, 41.5065, 45.2006**.

A 20% lighter version of the original color is **80.1143, 74.0805, 91.7378**, and **20.8336, 17.6233, 23.4227** is the 20% darker color. If you saturate the color by 10%, you get **40.6124, 33.0927, 44.7841**, and if you desaturate by 10%, it is **49.0421, 47.2728, 55.8541**.

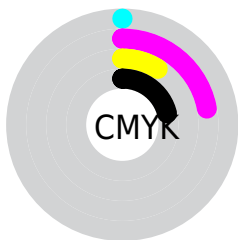
Distribution



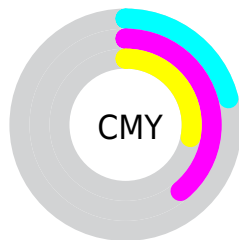
- Red (79%)
- Green (61%)
- Blue (72%)



- Red (79%)
- Yellow (61%)
- Blue (72%)



- Cyan (0%)
- Magenta (22%)
- Yellow (9%)
- Black (21%)





- Cyan (21%)
- Magenta (39%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.5231, 39.6133, 50.0993 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 44.5231, 39.6133, 50.0993 by changing the saturation by 10% instead.


 44.5231, 39.6133,
50.0993

 44.5231, 39.6133,
50.0993

355.6549,
344.4910, 403.8003

 31.2816, 27.2372,
35.1206


 81.2458, 74.5743,
91.7198

 20.9663, 17.7514,
23.4715


 105.4577, 97.9280,
119.1987

 13.2117, 10.7717,
14.7335

134.0572,
125.7096, 151.6813

 7.6525, 5.9135,
8.4880

167.4095,
158.3036, 189.5863

 3.9233, 2.7926,
4.3165

205.8801,
196.0943, 233.3321

 1.6588, 1.0244,
1.8006

249.8343,

 0.4303, 0.0000,

239.4662, 283.3374

0.4283

299.6375,
288.8036, 340.0206

■ 0.0000, 0.0000,
0.0000

■ 44.5231, 39.6133,
50.0993

■ 44.5231, 39.6133,
50.0993

■ 40.6124, 33.0927,
44.7841

■ 49.0421, 47.2728,
55.8541

■ 37.2782, 27.6504,
39.8927

■ 54.1922, 56.1173,
62.0585

■ 34.4911, 23.2285,
35.4116

■ 59.9993, 66.1968,
68.7253

■ 32.2177, 19.7613,
31.3257

■ 66.4866, 77.5568,
75.8660

■ 30.4205, 17.1752,
27.6182

■ 73.1945, 89.2764,
83.3308

■ 29.0567, 15.3861,
24.2705

■ 74.3061, 89.7210,
89.1843

■ 28.0751, 14.2929,
21.2611

■ 75.4699, 90.1865,
95.3128

■ 27.5140, 13.7882,
19.1703

■ 76.6866, 90.6732,
101.7197

■ 77.8977, 91.1576,
108.0973

Harmonies

Analogous

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



42.2959, 39.6133, 59.9767



44.5231, 39.6133, 50.0993



44.8442, 39.6133, 39.6687

Triad

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



44.5231, 39.6133, 50.0993



36.4216, 39.6133, 26.4867



32.6430, 39.6133, 57.2274

Complementary

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



44.5231, 39.6133, 50.0993



42.2385, 51.8983, 47.8379

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.



31.2718, 39.6133, 46.7916



44.5231, 39.6133, 50.0993



33.3598, 39.6133, 29.7796

Square

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



44.5231, 39.6133, 50.0993



40.0113, 39.6133, 27.0839



31.5256, 39.6133, 36.8429



35.3859, 39.6133, 64.5228

Rectangle

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



44.5231, 39.6133, 50.0993



43.9136, 39.6133, 33.8977



31.5256, 39.6133, 36.8429



32.0145, 39.6133, 53.9076

Sweetspot

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



44.5243, 39.6151, 50.1001



88.4891, 88.6839, 101.1465



39.8882, 36.9946, 60.2973



18.8248, 18.7837, 21.5104



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.



44.5243, 39.6151, 50.1001



72.7590, 62.0124, 81.1397



42.3663, 38.7519, 38.7364



10.8965, 10.7420, 12.4383



17.3458, 8.6879, 12.2970



0.8564, 0.4254, 0.7670

Inverse Universe

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



44.5243, 39.6151, 50.1001



72.7590, 62.0124, 81.1397



44.6191, 52.8505, 60.3737



10.8965, 10.7420, 12.4383



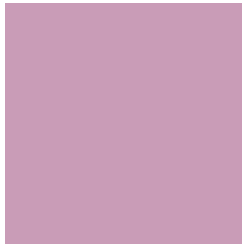
17.3458, 8.6879, 12.2970



0.8564, 0.4254, 0.7670

Previews

White Background



This preview shows how the XYZ color 44.5231, 39.6133, 50.0993 looks on a white background.

Color Contrast Check

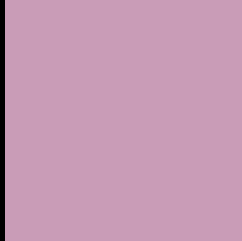
Large Text (above 18pt) WCAG AA × Fail

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 44.5231, 39.6133, 50.0993 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 44.5231, 39.6133, 50.0993

Background



This preview shows how black text looks on a background with the XYZ color 44.5231, 39.6133, 50.0993.



This preview shows how white text looks on a background with the XYZ color 44.5231, 39.6133,

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

44.5231, 39.6133, 50.0993

Protanopia

39.0228, 39.8300, 54.3464

Deuteranopia

40.4383, 39.5904, 49.2264



Tritanopia

43.0357, 39.4981, 43.3859

Trichromacy



Original Color

44.5231, 39.6133, 50.0993

Protanomaly

40.8355, 39.7225, 52.5287

Deuteranomaly

41.9274, 39.5585, 49.6817

Tritanomaly

43.6143, 39.4884, 45.8808

Monochromacy



Original Color

44.5231, 39.6133, 50.0993

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.2830, 40.8790, 47.3096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5231, 39.6133, 50.0993 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(201, 156, 183)` looks like.

```
.text, #text, p{  
    color:rgb(201, 156, 183)  
}
```

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(201, 156, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 156, 183) }
```

Border

The CSS property to change the border of an element to XYZ 44.5231, 39.6133, 50.0993 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(201, 156, 183) }
```


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

```
.border{ border-color:rgb(201, 156, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 156, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 156, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 156, 183);  
box-shadow:4px 4px 4px 4px rgb(201, 156,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5231, 39.6133, 50.0993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 156, 183) }
```

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

```
.background{ background-color: rgb(201,  
156, 183) }
```

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