

Converting Colors

XYZ(45.5460, 39.1247, 51.6076)

Have a look what the booklet for
XYZ(45.5460, 39.1247, 51.6076)
contains.

XYZ(45.5448, 39.1235, 51.6055)	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(45.5448, 39.1235,
51.6055)**

Conversions

Conversions Part 1

Format	Color
Hex	CE98BA
RGB	206, 152, 186
RGB Percent	81%, 60%, 73%
CMY	0.1922, 0.4039, 0.2706
CMYK	0.00, 0.26, 0.10, 0.19
HSL	322°, 36%, 70%
HSV	322°, 26%, 81%
XYZ	45.5448, 39.1235, 51.6055
YIQ	172.0220, 21.2700, 22.0220

Conversions

Conversions Part 2

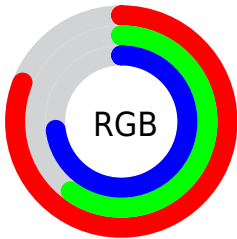
Format	Color
R_{YB}	206, 152, 186
Decimal	13539514
CIE Lab	68.84, 25.57, -9.66
CIE LCh	69, 27.335, 339.310
Yxy	39.1235, 0.3342, 0.2871
Android (android.graphics.Color)	4291729594 (0xFFCE98BA)
YUV	172.0220, 6.8912, 29.7987
Hunter-Lab	62.5488, 20.5141, -5.1327

Details

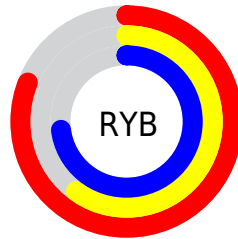
The XYZ color **45.5448, 39.1235, 51.6055** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.4683, 53.7977, 47.1779**, and the grayscale version is **39.1835, 41.2241, 44.8931**.

A 20% lighter version of the original color is **79.5798, 72.2965, 93.7647**, and **21.5533, 17.3871, 24.4104** is the 20% darker color. If you saturate the color by 10%, you get **41.6978, 32.6928, 46.4275**, and if you desaturate by 10%, it is **50.0181, 46.7363, 57.2068**.

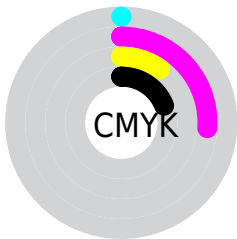
Distribution



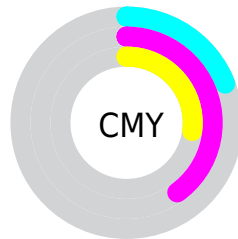
- Red (81%)
- Green (60%)
- Blue (73%)



- Red (81%)
- Yellow (60%)
- Blue (73%)



- Cyan (0%)
- Magenta (26%)
- Yellow (10%)
- Black (19%)





- Cyan (19%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5448, 39.1235, 51.6055 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 45.5448, 39.1235, 51.6055 by changing the saturation by 10% instead.


 45.5448, 39.1235,
51.6055


 45.5448, 39.1235,
51.6055


359.7222,
342.4153, 409.8252

 32.0899, 26.8558,
36.3106

 82.7694, 73.8269,
93.9698

 21.5860, 17.4650,
24.3826


 107.2697, 97.0315,
121.8764

 13.6679, 10.5666,
15.4029


136.1826,
124.6505, 154.8239

 7.9702, 5.7762,
8.9529

169.8734,
157.0682, 193.2310

 4.1275, 2.7095,
4.6141

208.7074,
194.6692, 237.5161

 1.7745, 0.9820,
1.9679

253.0499,

 0.5023, 0.0000,

237.8378, 288.0978

0.5354

303.2664,
286.9583, 345.3947

0.0000, 0.0000,
0.0000

45.5448, 39.1235,
51.6055

45.5448, 39.1235,
51.6055

41.6978, 32.6928,
46.4275

50.0181, 46.7363,
57.2068

38.4430, 27.3787,
41.6570

55.1426, 55.5820,
63.2418

35.7481, 23.1172,
37.2801

60.9464, 65.7147,
69.7233

33.5762, 19.8357,
33.2811

67.4545, 77.1836,
76.6628

31.8858, 17.4523,
29.6427

74.6891, 90.0320,
84.0706

■ 30.6286, 15.8717,
26.3451

■ 75.7485, 90.4558,
89.6493

■ 29.7439, 14.9735,
23.3643

■ 76.8549, 90.8984,
95.4758

■ 29.4629, 14.7256,
22.3026

■ 78.0090, 91.3600,
101.5531

■ 79.2113, 91.8409,
107.8843

Harmonies

Analogous

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



42.7225, 39.1235, 63.8767



45.5448, 39.1235, 51.6055



46.0364, 39.1235, 38.8509

Triad

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



45.5448, 39.1235, 51.6055



35.8529, 39.1235, 23.1109



31.0998, 39.1235, 59.5899

Complementary

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



45.5448, 39.1235, 51.6055



42.4683, 53.7977, 47.1779

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.



29.5490, 39.1235, 46.5804



45.5448, 39.1235, 51.6055



32.1492, 39.1235, 26.6641

Square

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



45.5448, 39.1235, 51.6055



40.2103, 39.1235, 23.9357



29.9176, 39.1235, 34.7063



34.3168, 39.1235, 69.0732

Rectangle

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



45.5448, 39.1235, 51.6055



44.9411, 39.1235, 31.9448



29.9176, 39.1235, 34.7063



30.3782, 39.1235, 55.3918

Sweetspot

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



45.5460, 39.1253, 51.6063



87.6910, 87.1907, 100.5629



39.3399, 35.6628, 63.2033



18.4905, 18.1795, 21.2004



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.



45.5460, 39.1253, 51.6063



70.4446, 57.7667, 79.1875



42.9587, 38.0904, 37.9820



11.5044, 11.3305, 13.1910



18.1904, 9.0867, 13.9870



0.9743, 0.4831, 0.9105

Inverse Universe

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



45.5460, 39.1253, 51.6063



70.4446, 57.7667, 79.1875



45.3071, 54.9333, 62.1273



11.5044, 11.3305, 13.1910



18.1904, 9.0867, 13.9870



0.9743, 0.4831, 0.9105

Previews

White Background



This preview shows how the XYZ color 45.5448, 39.1235, 51.6055 looks on a white background.

Color Contrast Check

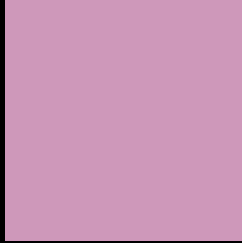
Large Text (above 18pt) WCAG AA × Fail

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 45.5448, 39.1235, 51.6055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

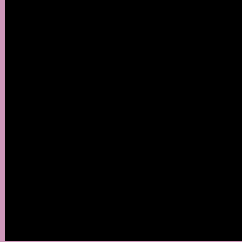
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5448, 39.1235, 51.6055

Background



This preview shows how black text looks on a background with the XYZ color 45.5448, 39.1235, 51.6055.



This preview shows how white text looks on a background with the XYZ color 45.5448, 39.1235,

51.6055.

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

45.5448, 39.1235, 51.6055

Protanopia

38.8868, 39.4095, 57.7818

Deuteranopia

40.0587, 39.3587, 50.8331



Tritanopia

43.5982, 39.0701, 41.8026

Trichromacy



Original Color

45.5448, 39.1235, 51.6055

Protanomaly

41.0252, 39.2301, 55.2791

Deuteranomaly

42.0668, 39.3358, 51.2743

Tritanomaly

44.3724, 39.1463, 45.2617

Monochromacy



Original Color

45.5448, 39.1235, 51.6055

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.1581, 40.2749, 47.1995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5448, 39.1235, 51.6055 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(206, 152, 186)` looks like.

```
.text, #text, p{  
    color:rgb(206, 152, 186)  
}
```

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(206, 152, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 152, 186) }
```

Border

The CSS property to change the border of an element to XYZ 45.5448, 39.1235, 51.6055 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(206, 152, 186) }
```


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

```
.border{ border-color:rgb(206, 152, 186) }
```

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

Here you see how a box with a 4 pixel rgb(206, 152, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 152, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 152, 186);  
box-shadow:4px 4px 4px 4px rgb(206, 152,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5448, 39.1235, 51.6055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 152, 186) }
```

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

```
.background{ background-color: rgb(206,  
152, 186) }
```

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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