

Converting Colors

XYZ(45.9953, 39.5265, 60.6585)

Have a look what the booklet for
XYZ(45.9953, 39.5265, 60.6585)
contains.

XYZ(45.9176, 39.6076, 60.4833)	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(45.9176, 39.6076,
60.4833)**

Conversions

Conversions Part 1

Format	Color
Hex	C89AC9
RGB	200, 154, 201
RGB Percent	78%, 60%, 79%
CMY	0.2157, 0.3961, 0.2118
CMYK	0.00, 0.23, 0.00, 0.21
HSL	299°, 30%, 70%
HSV	299°, 23%, 79%
XYZ	45.9176, 39.6076, 60.4833
YIQ	173.1120, 12.3290, 24.3690

Conversions

Conversions Part 2

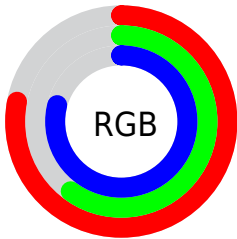
Format	Color
R_{YB}	200, 154, 201
Decimal	13146825
CIE _{Lab}	69.19, 25.13, -17.53
CIE _{LCh}	69, 30.644, 325.106
Yxy	39.6076, 0.3145, 0.2713
Android (android.graphics.Color)	4291336905 (0xFFC89AC9)
YUV	173.1120, 13.7488, 23.5808
Hunter-Lab	62.9346, 20.0996, -12.9265

Details

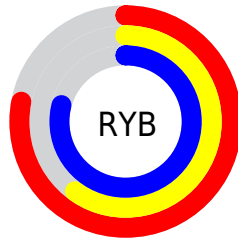
The XYZ color **45.9176, 39.6076, 60.4833** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.2384, 51.0760, 38.3117**, and the grayscale version is **39.7063, 41.7741, 45.4920**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **21.6949, 17.6291, 29.8631** is the 20% darker color. If you saturate the color by 10%, you get **42.7603, 33.4616, 59.4640**, and if you desaturate by 10%, it is **49.6331, 46.8681, 61.6895**.

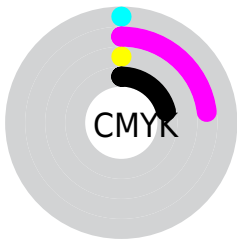
Distribution



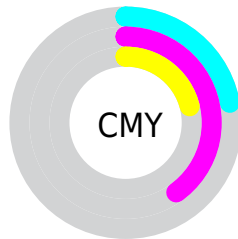
- Red (78%)
- Green (60%)
- Blue (79%)



- Red (78%)
- Yellow (60%)
- Blue (79%)



- Cyan (0%)
- Magenta (23%)
- Yellow (0%)
- Black (21%)



- Cyan (22%)
- Magenta (40%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.9176, 39.6076, 60.4833 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 45.9176, 39.6076, 60.4833 by changing the saturation by 10% instead.

45.9176, 39.6076,
60.4833

45.9176, 39.6076,
60.4833

361.1988,
344.4669, 444.2309

32.3852, 27.2327,
43.3805

83.3243, 74.5656,
107.0807

21.8128, 17.7481,
29.8501

107.9292, 97.9175,
137.4123

13.8353, 10.7693,
19.4738

136.9557,
125.6973, 172.9905

8.0871, 5.9119,
11.8328

170.7691,
158.2892, 214.2340

4.2030, 2.7916,
6.5088

209.7348,
196.0777, 261.5613

1.8176, 1.0239,
3.0831

254.2180,

0.5283, 0.0000,

239.4473, 315.3908

1.1372

304.5842,
288.7822, 376.1412

■ 0.0000, 0.0000,
0.0000

■ 45.9176, 39.6076,
60.4833

■ 45.9176, 39.6076,
60.4833

■ 42.7603, 33.4616,
59.4640

■ 49.6331, 46.8681,
61.6895

■ 40.1299, 28.3697,
58.6198

■ 53.9289, 55.2895,
63.0886

■ 37.9977, 24.2736,
57.9415

■ 58.8304, 64.9216,
64.6894

■ 36.3306, 21.1073,
57.4182

■ 64.3602, 75.8100,
66.4996

■ 35.0915, 18.7967,
57.0376

■ 70.5399, 87.9977,
68.5264

■ 34.2380, 17.2565,
56.7853

■ 70.8136, 88.3729,
68.5844

■ 33.7186, 16.3841,
56.6443

■ 70.9299, 88.4328,
68.5898

■ 33.4967, 16.0503,
56.5915

■ 71.0465, 88.4930,
68.5953

■ 71.1634, 88.5533,
68.6007

Harmonies

Analogous

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



41.7882, 39.6076, 72.4767



45.9176, 39.6076, 60.4833



47.8389, 39.6076, 45.4698

Triad

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



45.9176, 39.6076, 60.4833



38.4556, 39.6076, 21.4350



29.7400, 39.6076, 55.6227

Complementary

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



45.9176, 39.6076, 60.4833



40.2384, 51.0760, 38.3117

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.



29.0144, 39.6076, 40.8641



45.9176, 39.6076, 60.4833



33.7867, 39.6076, 23.0106

Square

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



45.9176, 39.6076, 60.4833



43.2989, 39.6076, 24.5588



30.4324, 39.6076, 29.4544



32.5075, 39.6076, 69.2704

Rectangle

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



45.9176, 39.6076, 60.4833



47.4980, 39.6076, 36.4669



30.4324, 39.6076, 29.4544



29.2600, 39.6076, 50.5500

Sweetspot

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



45.9188, 39.6093, 60.4842



89.4781, 89.0633, 107.0827



35.6867, 34.7208, 60.0799



19.0544, 18.8718, 22.8883



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.



45.9188, 39.6093, 60.4842



75.7909, 62.3081, 102.6398



43.7877, 38.7878, 47.8635



11.0599, 10.8047, 13.4201



21.0717, 10.0971, 35.5827



1.0050, 0.4818, 1.6852

Inverse Universe

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



41.5608, 37.8971, 36.1367



67.0670, 58.8828, 53.7956



42.0443, 51.7763, 48.8191



10.6429, 10.6405, 11.1026



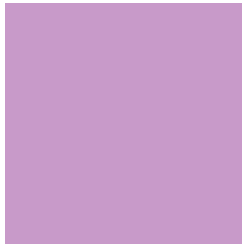
15.1643, 7.8153, 0.8090



0.7213, 0.3714, 0.0555

Previews

White Background



This preview shows how the XYZ color 45.9176, 39.6076, 60.4833 looks on a white background.

Color Contrast Check

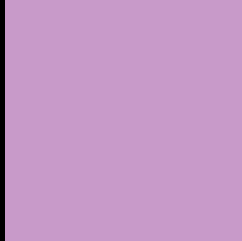
Large Text (above 18pt) WCAG AA × Fail

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 45.9176, 39.6076, 60.4833 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 45.9176, 39.6076, 60.4833

Background



This preview shows how black text looks on a background with the XYZ color 45.9176, 39.6076, 60.4833.



This preview shows how white text looks on a background with the XYZ color 45.9176, 39.6076,

60.4833.

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

45.9176, 39.6076, 60.4833

Protanopia

39.7497, 39.6615, 66.5332

Deuteranopia

40.5585, 39.6917, 59.5564



Tritanopia

42.6095, 39.5106, 44.4103

Trichromacy



Original Color

45.9176, 39.6076, 60.4833

Protanomaly

41.6384, 39.3443, 64.4311

Deuteranomaly

42.4616, 39.6050, 60.0501

Tritanomaly

43.6302, 39.4032, 50.1058

Monochromacy



Original Color

45.9176, 39.6076, 60.4833

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.7119, 40.7586, 50.4685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9176, 39.6076, 60.4833 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, 154, 201)` looks like.

```
.text, #text, p{  
    color:rgb(200, 154, 201)  
}
```

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, 154, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 154, 201) }
```

Border

The CSS property to change the border of an element to XYZ 45.9176, 39.6076, 60.4833 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, 154, 201) }
```


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

```
.border{ border-color:rgb(200, 154, 201) }
```

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

Here you see how a box with a 4 pixel rgb(200, 154, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 154, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 154, 201);  
box-shadow:4px 4px 4px 4px rgb(200, 154,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9176, 39.6076, 60.4833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 154, 201) }
```

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

```
.background{ background-color: rgb(200,  
154, 201) }
```

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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