

Converting Colors

XYZ(45.6606, 39.4330, 40.3267)

Have a look what the booklet for
XYZ(45.6606, 39.4330, 40.3267)
contains.

XYZ(45.6606, 39.4330, 40.3267)	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(45.6606, 39.4330,
40.3267)**

Conversions

Conversions Part 1

Format	Color
Hex	D698A4
RGB	214, 152, 164
RGB Percent	84%, 60%, 64%
CMY	0.1608, 0.4039, 0.3569
CMYK	0.00, 0.29, 0.23, 0.16
HSL	348°, 43%, 72%
HSV	348°, 29%, 84%
XYZ	45.6606, 39.4330, 40.3267
YIQ	171.9060, 33.1000, 16.8760

Conversions

Conversions Part 2

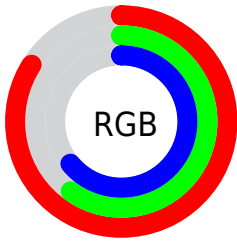
Format	Color
R _Y B	214, 152, 164
Decimal	14063780
CIE Lab	69.06, 24.94, 3.03
CIE LCh	69, 25.125, 6.934
Yxy	39.4330, 0.3641, 0.3144
Android (android.graphics.Color)	4292253860 (0xFFD698A4)
YUV	171.9060, -3.8977, 36.9164
Hunter-Lab	62.7957, 19.9001, 5.8816

Details

The XYZ color **45.6606, 39.4330, 40.3267** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.6578, 59.0337, 64.7629**, and the grayscale version is **39.1735, 41.2135, 44.8816**.

A 20% lighter version of the original color is **76.3390, 71.0001, 76.6987**, and **21.5824, 17.5533, 17.5798** is the 20% darker color. If you saturate the color by 10%, you get **41.0412, 32.5215, 31.6118**, and if you desaturate by 10%, it is **51.1203, 47.6860, 50.3662**.

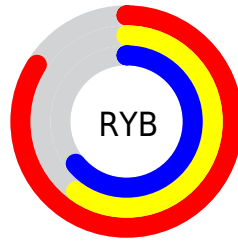
Distribution



Red (84%)

Green (60%)

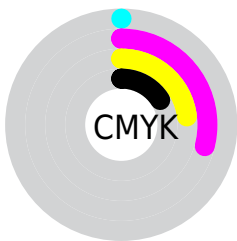
Blue (64%)



Red (84%)

Yellow (60%)

Blue (64%)

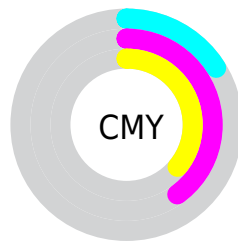


Cyan (0%)

Magenta (29%)

Yellow (23%)

Black (16%)



Cyan (16%)


Magenta (40%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.6606, 39.4330, 40.3267 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 45.6606, 39.4330, 40.3267 by changing the saturation by 10% instead.


 45.6606, 39.4330,
40.3267

 45.6606, 39.4330,
40.3267


360.1813,
343.7279, 363.0916

 32.1816, 27.0967,
27.4776


 82.9418, 74.2993,
76.9033

 21.6564, 17.6459,
17.6967


 107.4747, 97.5982,
101.4679

 13.7199, 10.6961,
10.5652


136.4229,
125.3200, 130.7747

 8.0065, 5.8628,
5.6648

170.1518,
157.8493, 165.2423

 4.1509, 2.7619,
2.5769

209.0267,
195.5703, 205.2893

 1.7879, 1.0087,
0.8805

253.4131,

 0.5103, 0.0000,

238.8675, 251.3341

0.0000

303.6761,
288.1252, 303.7954

0.0000, 0.0000,
0.0000

45.6606, 39.4330,
40.3267

45.6606, 39.4330,
40.3267

41.0412, 32.5215,
31.6118

51.1203, 47.6860,
50.3662

37.2168, 26.8752,
24.1633

57.4563, 57.3406,
61.7804

34.1425, 22.4186,
17.9222

64.7063, 68.4598,
74.6197

31.7675, 19.0657,
12.8236

72.9049, 81.1013,
88.9310

30.0348, 16.7192,
8.7964

80.7936, 92.7370,
104.3290

■ 28.8776, 15.2643,
5.7612

■ 81.5416, 93.0362,
108.2678

■ 28.1950, 14.5198,
3.6200

■ 28.1390, 14.4591,
3.4431

Harmonies

Analogous

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



45.0252, 39.4330, 52.1747



45.6606, 39.4330, 40.3267



43.9822, 39.4330, 30.9944

Triad

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



45.6606, 39.4330, 40.3267



33.0381, 39.4330, 27.6025



34.5414, 39.4330, 66.6062

Complementary

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



45.6606, 39.4330, 40.3267



47.6578, 59.0337, 64.7629

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.



31.6522, 39.4330, 57.6071



45.6606, 39.4330, 40.3267



30.8285, 39.4330, 34.8576

Square

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



45.6606, 39.4330, 40.3267



36.5574, 39.4330, 24.5448



30.3398, 39.4330, 45.6551



38.4177, 39.4330, 68.7773

Rectangle

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



45.6606, 39.4330, 40.3267



41.8429, 39.4330, 26.9711



30.3398, 39.4330, 45.6551



33.4312, 39.4330, 64.2104

Sweetspot

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



45.6617, 39.4348, 40.3275



85.3224, 85.0861, 91.6574



47.6161, 39.8144, 68.7937



17.9487, 17.7324, 19.0573



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.



45.6617, 39.4348, 40.3275



63.3800, 51.8613, 51.4799



47.8878, 45.5398, 35.9743



12.5205, 12.4597, 13.4151



17.0373, 8.7512, 2.2343



1.0570, 0.5396, 0.2893

Inverse Universe

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



45.6617, 39.4348, 40.3275



63.3800, 51.8613, 51.4799



44.6928, 50.7415, 71.0570



12.5205, 12.4597, 13.4151



17.0373, 8.7512, 2.2343



1.0570, 0.5396, 0.2893

Previews

White Background



This preview shows how the XYZ color 45.6606, 39.4330, 40.3267 looks on a white background.

Color Contrast Check

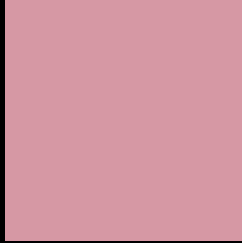
Large Text (above 18pt) WCAG AA × Fail

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 45.6606, 39.4330, 40.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

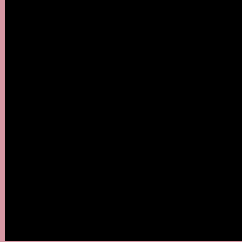
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.6606, 39.4330, 40.3267

Background



This preview shows how black text looks on a background with the XYZ color 45.6606, 39.4330, 40.3267.



This preview shows how white text looks on a background with the XYZ color 45.6606, 39.4330,

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

45.6606, 39.4330, 40.3267

Protanopia

38.3400, 39.6803, 45.1735

Deuteranopia

40.3578, 39.4944, 39.6785



Tritanopia

45.6606, 39.4330, 40.3267

Trichromacy



Original Color

45.6606, 39.4330, 40.3267

Protanomaly

40.6695, 39.3077, 43.4738

Deuteranomaly

42.0350, 39.3109, 40.0226

Tritanomaly

45.6606, 39.4330, 40.3267

Monochromacy



Original Color

45.6606, 39.4330, 40.3267

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.1101, 40.3396, 43.1557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6606, 39.4330, 40.3267 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(214, 152, 164)` looks like.

```
.text, #text, p{  
    color:rgb(214, 152, 164)  
}
```

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(214, 152, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 152, 164) }
```

Border

The CSS property to change the border of an element to XYZ 45.6606, 39.4330, 40.3267 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(214, 152, 164) }
```


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

```
.border{ border-color:rgb(214, 152, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 152, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 152, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 152, 164);  
box-shadow:4px 4px 4px 4px rgb(214, 152,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6606, 39.4330, 40.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 152, 164) }
```

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

```
.background{ background-color: rgb(214,  
152, 164) }
```

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