

Converting Colors

XYZ(45.7734, 38.9602, 38.0352)

Have a look what the booklet for
XYZ(45.7734, 38.9602, 38.0352)
contains.

XYZ(45.7796, 39.0676, 37.9288)	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(45.7796, 39.0676,
37.9288)**

Conversions

Conversions Part 1

Format	Color
Hex	D9969F
RGB	217, 150, 159
RGB Percent	85%, 59%, 62%
CMY	0.1490, 0.4117, 0.3765
CMYK	0.00, 0.31, 0.27, 0.15
HSL	352°, 47%, 72%
HSV	352°, 31%, 85%
XYZ	45.7796, 39.0676, 37.9288
YIQ	171.0590, 37.0430, 17.0030

Conversions

Conversions Part 2

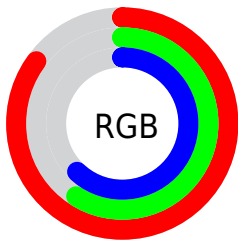
Format	Color
RYB	217, 150, 159
Decimal	14259871
CIELab	68.80, 26.42, 5.48
CIELCh	69, 26.980, 11.727
Yxy	39.0676, 0.3729, 0.3182
Android (android.graphics.Color)	4292449951 (0xFFD9969F)
YUV	171.0590, -5.9451, 40.2903
Hunter-Lab	62.5041, 21.3559, 7.7744

Details

The XYZ color **45.7796, 39.0676, 37.9288** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.7774, 60.6647, 68.8162**, and the grayscale version is **38.7551, 40.7734, 44.4022**.

A 20% lighter version of the original color is **75.2089, 69.7777, 73.1228**, and **21.7724, 17.3951, 16.3974** is the 20% darker color. If you saturate the color by 10%, you get **41.1239, 32.1697, 28.9359**, and if you desaturate by 10%, it is **51.3264, 47.3507, 48.4420**.

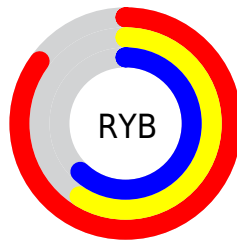
Distribution



Red (85%)

Green (59%)

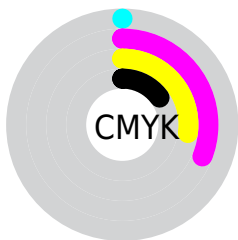
Blue (62%)



Red (85%)

Yellow (59%)

Blue (62%)

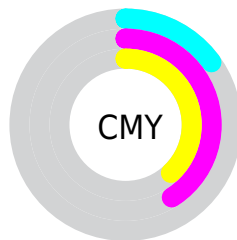


Cyan (0%)

Magenta (31%)

Yellow (27%)

Black (15%)



Cyan (15%)


Magenta (41%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.7796, 39.0676, 37.9288 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 45.7796, 39.0676, 37.9288 by changing the saturation by 10% instead.


 45.7796, 39.0676,
37.9288


 45.7796, 39.0676,
37.9288


360.6527,
342.1778, 352.6035

 32.2758, 26.8123,
25.6260


 83.1189, 73.7416,
73.2012

 21.7288, 17.4323,
16.3208


 107.6852, 96.9291,
97.0079

 13.7733, 10.5432,
9.5947


136.6697,
124.5294, 125.4864

 8.0438, 5.7606,
5.0290

170.4377,
156.9270, 159.0551

 4.1750, 2.7000,
2.2052

209.3547,
194.5062, 198.1326

 1.8016, 0.9772,
0.6774

253.7859,

 0.5186, 0.0000,

237.6515, 243.1375

0.0000

304.0968,
286.7473, 294.4883

■ 0.0000, 0.0000,
0.0000

■ 45.7796, 39.0676,
37.9288

■ 45.7796, 39.0676,
37.9288

■ 41.1239, 32.1697,
28.9359

■ 51.3264, 47.3507,
48.4420

■ 37.3095, 26.5761,
21.3904

■ 57.8043, 57.0829,
60.5390

■ 34.2866, 22.2060,
15.2170

■ 65.2547, 68.3313,
74.2827

■ 31.9988, 18.9674,
10.3324

■ 73.7156, 81.1566,
89.7317

■ 30.3820, 16.7553,
6.6443

■ 82.0942, 93.3593,
106.5656

■ 29.3608, 15.4447,
4.0477

■ 82.4253, 93.4918,
108.3092

■ 28.8388, 14.8411,
2.5159

Harmonies

Analogous

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



45.5008, 39.0676, 50.3571



45.7796, 39.0676, 37.9288



43.6137, 39.0676, 28.7102

Triad

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



45.7796, 39.0676, 37.9288



31.9241, 39.0676, 27.2720



34.6136, 39.0676, 69.0472

Complementary

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



45.7796, 39.0676, 37.9288



48.7774, 60.6647, 68.8162

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.



31.3276, 39.0676, 60.2160



45.7796, 39.0676, 37.9288



29.8590, 39.0676, 35.5733

Square

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



45.7796, 39.0676, 37.9288



35.4862, 39.0676, 23.3954



29.6493, 39.0676, 47.5062



38.8291, 39.0676, 70.0129

Rectangle

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



45.7796, 39.0676, 37.9288



41.1652, 39.0676, 24.9861



29.6493, 39.0676, 47.5062



33.3723, 39.0676, 66.8312

Sweetspot

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



45.7807, 39.0694, 37.9296



85.1251, 85.0071, 90.6184



49.1501, 40.0826, 70.7920



17.9005, 17.7131, 18.8034



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.



45.7807, 39.0694, 37.9296



61.4975, 49.6571, 46.0404



49.1515, 47.0154, 35.3408



13.1269, 13.0798, 13.9293



17.4797, 8.9929, 1.6401



1.1560, 0.5920, 0.2303

Inverse Universe

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



45.7807, 39.0694, 37.9296



61.4975, 49.6571, 46.0404



44.2954, 49.8788, 72.9388



13.1269, 13.0798, 13.9293



17.4797, 8.9929, 1.6401



1.1560, 0.5920, 0.2303

Previews

White Background



This preview shows how the XYZ color 45.7796, 39.0676, 37.9288 looks on a white background.

Color Contrast Check

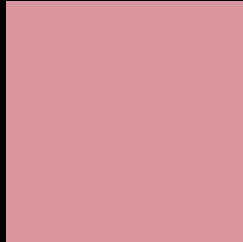
Large Text (above 18pt) WCAG AA × Fail

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 45.7796, 39.0676, 37.9288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

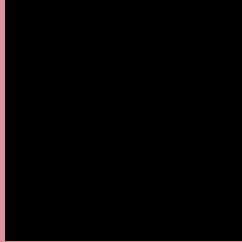
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.7796, 39.0676, 37.9288

Background



This preview shows how black text looks on a background with the XYZ color 45.7796, 39.0676, 37.9288.



This preview shows how white text looks on a background with the XYZ color 45.7796, 39.0676,

37.9288.

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

45.7796, 39.0676, 37.9288

Protanopia

37.7747, 39.1599, 43.1038

Deuteranopia

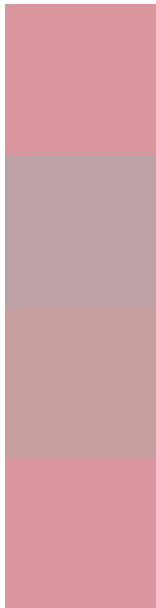
39.9924, 39.0938, 37.3363



Tritanopia

45.9546, 39.1376, 38.8505

Trichromacy



Original Color

45.7796, 39.0676, 37.9288

Protanomaly

40.2754, 38.8977, 40.9826

Deuteranomaly

41.9516, 39.0645, 37.6769

Tritanomaly

45.8668, 39.1025, 38.3878

Monochromacy



Original Color

45.7796, 39.0676, 37.9288

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.8113, 39.6758, 42.0664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7796, 39.0676, 37.9288 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(217, 150, 159)` looks like.

```
.text, #text, p{  
    color:rgb(217, 150, 159)  
}
```

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(217, 150, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 150, 159) }
```

Border

The CSS property to change the border of an element to XYZ 45.7796, 39.0676, 37.9288 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(217, 150, 159) }
```


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

```
.border{ border-color:rgb(217, 150, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 150, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 150, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 150, 159);  
box-shadow:4px 4px 4px 4px rgb(217, 150,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7796, 39.0676, 37.9288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 150, 159) }
```

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

```
.background{ background-color: rgb(217,  
150, 159) }
```

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