

Converting Colors

XYZ(39.2659, 40.1739, 45.9248)

Have a look what the booklet for
XYZ(39.2659, 40.1739, 45.9248)
contains.

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Color

**XYZ(39.0982, 40.0599,
45.7160)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA8AE
RGB	174, 168, 174
RGB Percent	68%, 66%, 68%
CMY	0.3176, 0.3412, 0.3176
CMYK	0.00, 0.03, 0.00, 0.32
HSL	300°, 4%, 67%
HSV	300°, 3%, 68%
XYZ	39.0982, 40.0599, 45.7160
YIQ	170.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

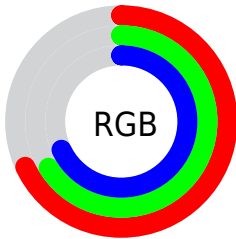
Format	Color
RYB	174, 168, 174
Decimal	11446446
CIELab	69.51, 3.27, -2.33
CIElCh	70, 4.013, 324.572
Yxy	40.0599, 0.3131, 0.3208
Android (android.graphics.Color)	4289636526 (0xFFAEA8AE)
YUV	170.4780, 1.7363, 3.0888
Hunter-Lab	63.2929, -0.4970, 1.4803

Details

The XYZ color **39.0982, 40.0599, 45.7160** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.3539, 41.4253, 43.0223**, and the grayscale version is **38.4391, 40.4409, 44.0401**.

A 20% lighter version of the original color is **72.8436, 75.0905, 84.7834**, and **17.7843, 18.0335, 20.9558** is the 20% darker color. If you saturate the color by 10%, you get **36.0988, 34.0608, 44.7162**, and if you desaturate by 10%, it is **42.5297, 46.9222, 46.8608**.

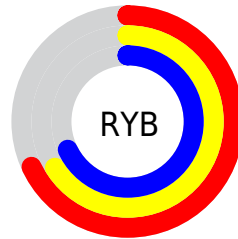
Distribution



Red (68%)

Green (66%)

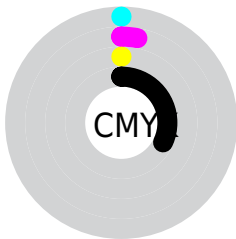
Blue (68%)



Red (68%)

Yellow (66%)

Blue (68%)

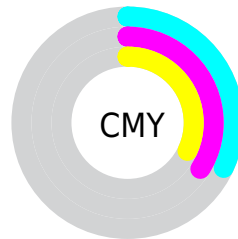


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (32%)



Cyan (32%)

Magenta (34%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0982, 40.0599, 45.7160 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 39.0982, 40.0599, 45.7160 by changing the saturation by 10% instead.

■ 39.0982, 40.0599,
45.7160

■ 39.0982, 40.0599,
45.7160

333.5078,
346.3760, 385.9101

■ 27.0172, 27.5853,
31.6747

■ 73.0814, 75.2547,
85.1236

■ 17.7228, 18.0132,
20.8504

■ 95.7143, 98.7437,
111.3270

■ 10.8496, 10.9595,
12.8245

122.5953,
126.6729, 142.4216

■ 6.0324, 6.0396,
7.1785

154.0896,
159.4267, 178.8258

■ 2.9056, 2.8692,
3.4939

190.5627,
197.3895, 220.9582

■ 1.1040, 1.0638,
1.3520

232.3798,

■ 0.0285, 0.0000,

240.9457, 269.2373

0.1038

279.9064,
290.4797, 324.0818

■ 0.0000, 0.0000,
0.0000

■ 39.0982, 40.0599,
45.7160

■ 39.0982, 40.0599,
45.7160

■ 36.0988, 34.0608,
44.7162

■ 42.5297, 46.9222,
46.8608

■ 33.5112, 28.8857,
43.8532

■ 46.4059, 54.6745,
48.1534

■ 31.3184, 24.5003,
43.1218

■ 50.7432, 63.3488,
49.5996

■ 29.5011, 20.8658,
42.5155

■ 55.5559, 72.9741,
51.2043

■ 28.0382, 17.9400,
42.0274

■ 60.8565, 83.5751,
52.9717

■ 26.9065, 15.6768,
41.6497

■ 60.8566, 83.5751,
52.9722

■ 26.0802, 14.0245,
41.3737

■ 60.8567, 83.5751,
52.9727

■ 25.5297, 12.9237,
41.1898

■ 60.8568, 83.5752,
52.9732

■ 25.2194, 12.3032,
41.0858

■ 60.8569, 83.5752,
52.9738

Harmonies

Analogous

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



38.5953, 40.0599, 46.9387



39.0982, 40.0599, 45.7160



39.3274, 40.0599, 43.9563

Triad

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



39.0982, 40.0599, 45.7160



38.1935, 40.0599, 40.1676



36.9558, 40.0599, 45.1164

Complementary

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



39.0982, 40.0599, 45.7160



38.3539, 41.4253, 43.0223

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.



36.8509, 40.0599, 43.2823



39.0982, 40.0599, 45.7160



37.5609, 40.0599, 40.4585

Square

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



39.0982, 40.0599, 45.7160



38.8013, 40.0599, 40.7799



37.0712, 40.0599, 41.5860



37.3593, 40.0599, 46.5857

Rectangle

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



39.0982, 40.0599, 45.7160



39.2922, 40.0599, 42.7284



37.0712, 40.0599, 41.5860



36.8846, 40.0599, 44.5207

Sweetspot

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



39.0993, 40.0616, 45.7169



72.3599, 75.5439, 83.4044



37.7928, 39.3881, 45.6559



16.0901, 16.8051, 18.5400



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.0993, 40.0616, 45.7169



70.5592, 71.9425, 82.8039



38.8102, 39.9460, 44.1943



8.6555, 8.7848, 10.1921



18.2013, 8.7431, 29.7691



0.5063, 0.2432, 0.8282

Inverse Universe

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



39.0993, 40.0616, 45.7169



70.5592, 71.9425, 82.8039



38.6366, 41.5383, 44.5108



8.6555, 8.7848, 10.1921



18.2013, 8.7431, 29.7691



0.5063, 0.2432, 0.8282

Previews

White Background



This preview shows how the XYZ color 39.0982, 40.0599, 45.7160 looks on a white background.

Color Contrast Check

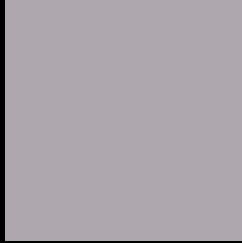
Large Text (above 18pt) WCAG AA × Fail

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 39.0982, 40.0599, 45.7160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

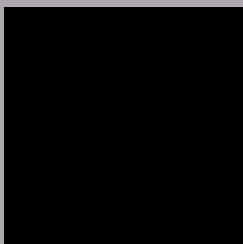
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

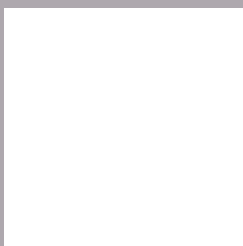
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.0982, 40.0599, 45.7160

Background



This preview shows how black text looks on a background with the XYZ color 39.0982, 40.0599, 45.7160.



This preview shows how white text looks on a background with the XYZ color 39.0982, 40.0599,

45.7160.

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

39.0982, 40.0599, 45.7160

Protanopia

38.6225, 40.0899, 45.7469

Deuteranopia

40.9602, 40.1958, 46.1572



Tritanopia

39.7361, 40.0467, 48.8155

Trichromacy



Original Color

39.0982, 40.0599, 45.7160

Protanomaly

38.8412, 40.2026, 45.7571

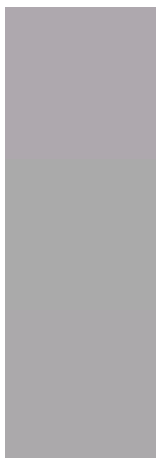
Deuteranomaly

40.1965, 40.0709, 46.1733

Tritanomaly

39.5338, 39.9657, 47.7500

Monochromacy



Original Color

39.0982, 40.0599, 45.7160

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.3332, 39.9741, 44.2235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0982, 40.0599, 45.7160 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(174, 168, 174)` looks like.

```
.text, #text, p{  
    color:rgb(174, 168, 174)  
}
```

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(174, 168, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 168, 174) }
```

Border

The CSS property to change the border of an element to XYZ 39.0982, 40.0599, 45.7160 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(174, 168, 174) }
```


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

```
.border{ border-color:rgb(174, 168, 174) }
```

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

Here you see how a box with a 4 pixel rgb(174, 168, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 168, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 168, 174);  
box-shadow:4px 4px 4px 4px rgb(174, 168,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0982, 40.0599, 45.7160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 168, 174) }
```

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

```
.background{ background-color: rgb(174,  
168, 174) }
```

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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