

Converting Colors

XYZ(39.3842, 40.3019, 45.7056)

Have a look what the booklet for
XYZ(39.3842, 40.3019, 45.7056)
contains.

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Color

**XYZ(39.3218, 40.1752,
45.7265)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA8AE
RGB	175, 168, 174
RGB Percent	69%, 66%, 68%
CMY	0.3137, 0.3412, 0.3176
CMYK	0.00, 0.04, 0.01, 0.31
HSL	309°, 4%, 67%
HSV	309°, 4%, 69%
XYZ	39.3218, 40.1752, 45.7265
YIQ	170.7770, 2.2460, 3.3500

Conversions

Conversions Part 2

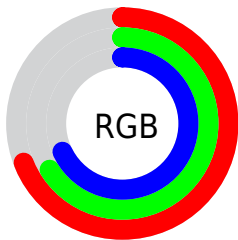
Format	Color
RYB	175, 168, 174
Decimal	11511982
CIELab	69.59, 3.62, -2.20
CIELCh	70, 4.238, 328.782
Yxy	40.1752, 0.3140, 0.3208
Android (android.graphics.Color)	4289702062 (0xFFAFA8AE)
YUV	170.7770, 1.5889, 3.7036
Hunter-Lab	63.3839, -0.1849, 1.5957

Details

The XYZ color **39.3218, 40.1752, 45.7265** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6414, 41.8504, 43.5795**, and the grayscale version is **38.5893, 40.5989, 44.2122**.

A 20% lighter version of the original color is **73.4855, 75.4214, 84.8134**, and **17.9266, 18.1069, 20.9625** is the 20% darker color. If you saturate the color by 10%, you get **36.0649, 34.0474, 43.4495**, and if you desaturate by 10%, it is **43.0204, 47.1779, 48.1741**.

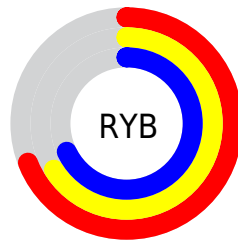
Distribution



Red (69%)

Green (66%)

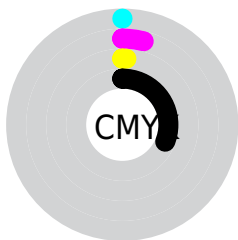
Blue (68%)



Red (69%)

Yellow (66%)

Blue (68%)

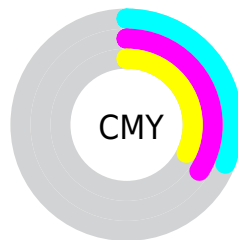


Cyan (0%)

Magenta (4%)

Yellow (1%)

Black (31%)



Cyan (31%)

Magenta (34%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3218, 40.1752, 45.7265 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 39.3218, 40.1752, 45.7265 by changing the saturation by 10% instead.

■ 39.3218, 40.1752,
45.7265

■ 39.3218, 40.1752,
45.7265

334.4404,
346.8615, 385.9536

■ 27.1920, 27.6752,
31.6829

■ 73.4206, 75.4302,
85.1395

■ 17.8548, 18.0809,
20.8566

■ 96.1203, 98.9540,
111.3460

■ 10.9449, 11.0081,
12.8290

123.0740,
126.9212, 142.4440

■ 6.0968, 6.0723,
7.1816

154.6471,
159.7161, 178.8518

■ 2.9452, 2.8891,
3.4958

191.2050,
197.7232, 220.9882

■ 1.1249, 1.0741,
1.3530

233.1129,

■ 0.0458, 0.0000,

241.3269, 269.2716

0.1046

280.7362,
290.9115, 324.1205

■ 0.0000, 0.0000,
0.0000

■ 39.3218, 40.1752,
45.7265

■ 39.3218, 40.1752,
45.7265

■ 36.0649, 34.0474,
43.4495

■ 43.0204, 47.1779,
48.1741

■ 33.2289, 28.7548,
41.3345

■ 47.1734, 55.0828,
50.7953

■ 30.7965, 24.2623,
39.3763

■ 51.7976, 63.9227,
53.5962

■ 28.7480, 20.5304,
37.5681

■ 56.9076, 73.7268,
56.5817

■ 27.0620, 17.5162,
35.9026

■ 62.3563, 84.2008,
59.7030

■ 25.7147, 15.1725,
34.3718

■ 62.6256, 84.3085,
61.1209

■ 24.6798, 13.4466,
32.9668

■ 62.8995, 84.4181,
62.5634

■ 23.9269, 12.2776,
31.6774

■ 63.1781, 84.5296,
64.0306

■ 23.4194, 11.5926,
30.4912

■ 63.4615, 84.6429,
65.5228

Harmonies

Analogous

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



38.8224, 40.1752, 47.1309



39.3218, 40.1752, 45.7265



39.5161, 40.1752, 43.8241

Triad

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



39.3218, 40.1752, 45.7265



38.2133, 40.1752, 40.0832



37.0435, 40.1752, 45.5837

Complementary

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



39.3218, 40.1752, 45.7265



38.6414, 41.8504, 43.5795

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.



36.8847, 40.1752, 43.6639



39.3218, 40.1752, 45.7265



37.5552, 40.1752, 40.5233

Square

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



39.3218, 40.1752, 45.7265



38.8714, 40.1752, 40.5995



37.0710, 40.1752, 41.8196



37.5073, 40.1752, 47.0468

Rectangle

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



39.3218, 40.1752, 45.7265



39.4448, 40.1752, 42.5417



37.0710, 40.1752, 41.8196



36.9530, 40.1752, 44.9686

Sweetspot

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



39.3229, 40.1769, 45.7274



72.3152, 75.5260, 83.1690



38.0901, 39.5301, 46.1805



16.0807, 16.8013, 18.4905



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.



39.3229, 40.1769, 45.7274



69.7524, 70.6852, 81.4364



38.9926, 40.0448, 43.9877



8.5601, 8.6422, 10.0119



16.6197, 8.1104, 21.4403



0.4756, 0.2309, 0.6660

Inverse Universe

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



39.3229, 40.1769, 45.7274



69.7524, 70.6852, 81.4364



38.9678, 41.9810, 45.2987



8.5601, 8.6422, 10.0119



16.6197, 8.1104, 21.4403



0.4756, 0.2309, 0.6660

Previews

White Background



This preview shows how the XYZ color 39.3218, 40.1752, 45.7265 looks on a white background.

Color Contrast Check

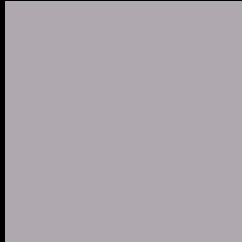
Large Text (above 18pt) WCAG AA × Fail

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 39.3218, 40.1752, 45.7265 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 39.3218, 40.1752, 45.7265

Background



This preview shows how black text looks on a background with the XYZ color 39.3218, 40.1752, 45.7265.



This preview shows how white text looks on a background with the XYZ color 39.3218, 40.1752,

45.7265.

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

39.3218, 40.1752, 45.7265

Protanopia

38.9391, 40.2417, 46.2726

Deuteranopia

40.9602, 40.1958, 46.1572



Tritanopia

39.9614, 40.1628, 48.8260

Trichromacy



Original Color

39.3218, 40.1752, 45.7265

Protanomaly

39.1594, 40.3553, 46.2829

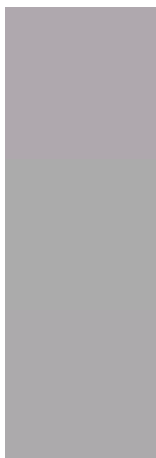
Deuteranomaly

40.4301, 40.1913, 46.1842

Tritanomaly

39.7591, 40.0819, 47.7605

Monochromacy



Original Color

39.3218, 40.1752, 45.7265

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.8344, 40.4987, 44.8000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3218, 40.1752, 45.7265 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(175, 168, 174)` looks like.

```
.text, #text, p{  
    color:rgb(175, 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(175, 168, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 168, 174) }
```

Border

The CSS property to change the border of an element to XYZ 39.3218, 40.1752, 45.7265 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(175, 168, 174) }
```


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

```
.border{ border-color:rgb(175, 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(175, 168, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 168, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 168, 174);  
box-shadow:4px 4px 4px 4px rgb(175, 168,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3218, 40.1752, 45.7265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 168, 174) }
```

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

```
.background{ background-color: rgb(175,  
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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