

Converting Colors

XYZ(39.2978, 42.5265, 40.5956)

Have a look what the booklet for
XYZ(39.2978, 42.5265, 40.5956)
contains.

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Color

**XYZ(39.3698, 42.5792,
40.7939)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB0A3
RGB	173, 176, 163
RGB Percent	68%, 69%, 64%
CMY	0.3216, 0.3098, 0.3608
CMYK	0.02, 0.00, 0.07, 0.31
HSL	74°, 8%, 66%
HSV	74°, 7%, 69%
XYZ	39.3698, 42.5792, 40.7939
YIQ	173.6210, 2.3850, -4.6790

Conversions

Conversions Part 2

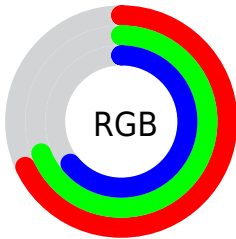
Format	Color
RYB	163, 176, 166
Decimal	11382947
CIELab	71.27, -3.44, 6.28
CIELCh	71, 7.162, 118.712
Yxy	42.5792, 0.3208, 0.3469
Android (android.graphics.Color)	4289573027 (0xFFADB0A3)
YUV	173.6210, -5.2362, -0.5446
Hunter-Lab	65.2527, -6.4955, 8.6107

Details

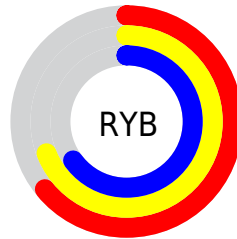
The XYZ color **39.3698, 42.5792, 40.7939** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6610, 37.4370, 46.3702**, and the grayscale version is **40.0638, 42.1503, 45.9017**.

A 20% lighter version of the original color is **73.5064, 79.2692, 77.7559**, and **17.9621, 19.6279, 17.8808** is the 20% darker color. If you saturate the color by 10%, you get **37.0166, 41.5370, 33.0169**, and if you desaturate by 10%, it is **41.9723, 43.7270, 49.7301**.

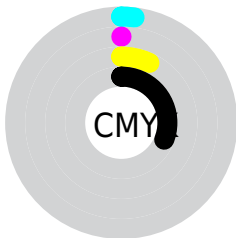
Distribution



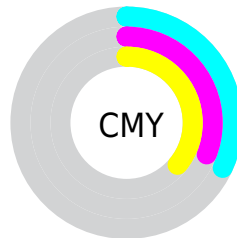
- Red (68%)
- Green (69%)
- Blue (64%)



- Red (64%)
- Yellow (69%)
- Blue (65%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (31%)



- Cyan (32%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3698, 42.5792, 40.7939 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 39.3698, 42.5792, 40.7939 by changing the saturation by 10% instead.

■ 39.3698, 42.5792,
40.7939

■ 39.3698, 42.5792,
40.7939

334.6403,
356.8784, 365.1096

■ 27.2295, 29.5551,
27.8396

■ 73.4934, 79.0755,
77.6212

■ 17.8832, 19.5011,
17.9668

■ 96.2074, 103.3164,
102.3313

■ 10.9653, 12.0329,
10.7570

123.1767,
132.0651, 131.7970

■ 6.1106, 6.7661,
5.7915

154.7667,
165.7059, 166.4369

■ 2.9538, 3.3163,
2.6520

191.3427,
204.6233, 206.6696

■ 1.1294, 1.2990,
0.9191

233.2701,

■ 0.0495, 0.1404,

249.2015, 252.9136

0.0000

280.9142,
299.8251, 305.5874

■ 0.0000, 0.0000,
0.0000

■ 39.3698, 42.5792,
40.7939

■ 39.3698, 42.5792,
40.7939

■ 37.0166, 41.5370,
33.0169

■ 41.9723, 43.7270,
49.7301

■ 34.8998, 40.5912,
26.3487

■ 44.8292, 44.9784,
59.8673

■ 33.0107, 39.7395,
20.7397

■ 47.9499, 46.3385,
71.2489

■ 31.3388, 38.9778,
16.1349

■ 51.3425, 47.8106,
83.9152

■ 29.8724, 38.3013,
12.4749

■ 55.0143, 49.3976,
97.9047

■ 28.5987, 37.7050,
9.6937

■ 56.7040, 50.1951,
101.3077

■ 27.5035, 37.1830,
7.7170

■ 57.7856, 50.7527,
101.3584

■ 26.5699, 36.7286,
6.4581

■ 58.8961, 51.3252,
101.4103

■ 25.7730, 36.3318,
5.7864

■ 60.0357, 51.9127,
101.4637

Harmonies

Analogous

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



40.5222, 42.5792, 40.0525



39.3698, 42.5792, 40.7939



38.5267, 42.5792, 43.0074

Triad

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



39.3698, 42.5792, 40.7939



39.2815, 42.5792, 52.2526



42.8257, 42.5792, 46.5105

Complementary

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



39.3698, 42.5792, 40.7939



36.6610, 37.4370, 46.3702

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.



42.4781, 42.5792, 49.8856



39.3698, 42.5792, 40.7939



40.4183, 42.5792, 53.3005

Square

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



39.3698, 42.5792, 40.7939



38.4764, 42.5792, 49.6154



41.5910, 42.5792, 52.4140



42.5318, 42.5792, 43.2531

Rectangle

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



39.3698, 42.5792, 40.7939



38.2453, 42.5792, 45.0776



41.5910, 42.5792, 52.4140



42.7799, 42.5792, 47.6696

Sweetspot

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



39.3710, 42.5810, 40.7948



73.8709, 78.3131, 82.3923



38.1197, 39.0815, 40.1853



16.0204, 16.9767, 17.8949



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.



39.3710, 42.5810, 40.7948



70.6145, 76.8757, 71.3377



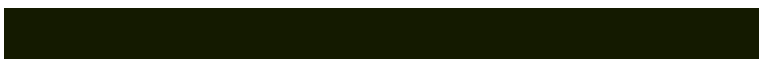
38.0071, 41.8779, 40.7310



9.0014, 9.8058, 9.0708



18.8173, 26.6107, 4.1446



0.6391, 0.8615, 0.1326

Inverse Universe

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



36.6610, 37.4370, 46.3702



64.5946, 65.4483, 83.7236



38.0179, 38.1365, 46.4337



8.2196, 8.3217, 10.6794



6.4543, 2.6631, 30.3108



0.2546, 0.1104, 0.9561

Previews

White Background



This preview shows how the XYZ color 39.3698, 42.5792, 40.7939 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 39.3698, 42.5792, 40.7939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

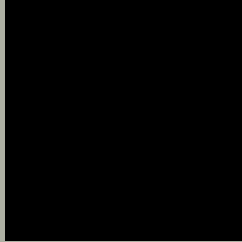
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3698, 42.5792, 40.7939

Background



This preview shows how black text looks on a background with the XYZ color 39.3698, 42.5792, 40.7939.



This preview shows how white text looks on a background with the XYZ color 39.3698, 42.5792,

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

39.3698, 42.5792, 40.7939

Protanopia

40.4800, 42.5840, 40.2684

Deuteranopia

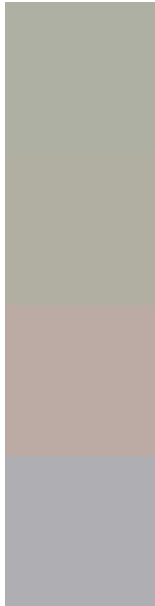
43.2998, 42.3240, 41.4845



Tritanopia

41.7110, 42.6624, 52.4906

Trichromacy



Original Color

39.3698, 42.5792, 40.7939

Protanomaly

39.9830, 42.6157, 40.3007

Deuteranomaly

41.7573, 42.3710, 41.0995

Tritanomaly

40.8511, 42.6004, 48.1891

Monochromacy



Original Color

39.3698, 42.5792, 40.7939

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.0412, 42.5609, 44.1349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3698, 42.5792, 40.7939 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(173, 176, 163)` looks like.

```
.text, #text, p{  
    color:rgb(173, 176, 163)  
}
```

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(173, 176, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 176, 163) }
```

Border

The CSS property to change the border of an element to XYZ 39.3698, 42.5792, 40.7939 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(173, 176, 163) }
```


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

```
.border{ border-color:rgb(173, 176, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 176, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 176, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 176, 163);  
box-shadow:4px 4px 4px 4px rgb(173, 176,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3698, 42.5792, 40.7939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 176, 163) }
```

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

```
.background{ background-color: rgb(173,  
176, 163) }
```

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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