

Converting Colors

XYZ(39.3980, 41.0352, 44.1744)

Have a look what the booklet for
XYZ(39.3980, 41.0352, 44.1744)
contains.

XYZ(39.3692, 41.0648, 44.3794)	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(39.3692, 41.0648,
44.3794)**

Conversions

Conversions Part 1

Format	Color
Hex	AEABAB
RGB	174, 171, 171
RGB Percent	68%, 67%, 67%
CMY	0.3176, 0.3294, 0.3294
CMYK	0.00, 0.02, 0.02, 0.32
HSL	0°, 2%, 68%
HSV	0°, 2%, 68%
XYZ	39.3692, 41.0648, 44.3794
YIQ	171.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

Format	Color
RYB	174, 171, 171
Decimal	11447211
CIELab	70.22, 1.07, 0.37
CIELCh	70, 1.133, 19.071
Yxy	41.0648, 0.3154, 0.3290
Android (android.graphics.Color)	4289637291 (0xFFAEABAB)
YUV	171.8970, -0.4422, 1.8443
Hunter-Lab	64.0818, -2.4802, 3.7964

Details

The XYZ color **39.3692, 41.0648, 44.3794** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.5707, 41.9855, 46.0635**, and the grayscale version is **39.1631, 41.2027, 44.8697**.

A 20% lighter version of the original color is **73.2369, 76.5417, 82.8655**, and **17.9526, 18.6631, 20.1089** is the 20% darker color. If you saturate the color by 10%, you get **34.7487, 34.3052, 35.1881**, and if you desaturate by 10%, it is **44.6422, 48.7789, 54.8665**.

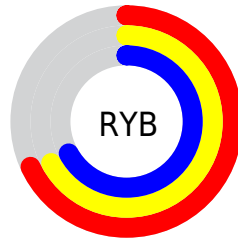
Distribution



Red (68%)

Green (67%)

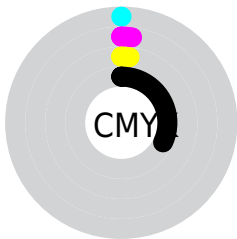
Blue (67%)



Red (68%)

Yellow (67%)

Blue (67%)

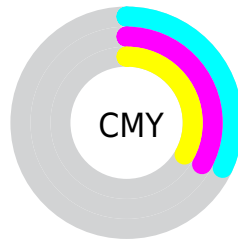


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (32%)



Cyan (32%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3692, 41.0648, 44.3794 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 39.3692, 41.0648, 44.3794 by changing the saturation by 10% instead.

■ 39.3692, 41.0648,
44.3794

■ 39.3692, 41.0648,
44.3794

334.6378,
350.5914, 380.3408

■ 27.2291, 28.3697,
30.6295

■ 73.4925, 76.7823,
83.0969

■ 17.8828, 18.6045,
20.0608

96.2063, 100.5734,
108.9016

■ 10.9651, 11.3849,
12.2547

123.1754,
128.8321, 139.5616

■ 6.1105, 6.3263,
6.7928

154.7652,
161.9426, 175.4955

■ 2.9537, 3.0445,
3.2564

191.3410,
200.2894, 217.1219

■ 1.1293, 1.1550,
1.2270

233.2681,

■ 0.0494, 0.0245,

244.2569, 264.8592

0.0008

280.9119,
294.2294, 319.1260

■ 0.0000, 0.0000,
0.0000

■ 39.3692, 41.0648,
44.3794

■ 39.3692, 41.0648,
44.3794

■ 34.7487, 34.3052,
35.1881

■ 44.6422, 48.7789,
54.8665

■ 30.7520, 28.4579,
27.2396

■ 50.5881, 57.4770,
66.6940

■ 27.3535, 23.4855,
20.4816

■ 57.2306, 67.1939,
79.9080

■ 24.5244, 19.3460,
14.8567

■ 64.5912, 77.9611,
94.5512

■ 22.2336, 15.9938,
10.3029

■ 71.2658, 87.7388,
107.7869

■ 20.4469, 13.3791,
6.7523

■ 19.1265, 11.4463,
4.1292

■ 18.2289, 10.1321,
2.3472

■ 17.7026, 9.3610,
1.3037

Harmonies

Analogous

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



39.3824, 41.0648, 44.9067



39.3692, 41.0648, 44.3794



39.2652, 41.0648, 43.9447

Triad

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



39.3692, 41.0648, 44.3794



38.7618, 41.0648, 44.0462



38.9632, 41.0648, 45.7239

Complementary

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



39.3692, 41.0648, 44.3794



39.5707, 41.9855, 46.0635

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.



38.7975, 41.0648, 45.4894



39.3692, 41.0648, 44.3794



38.6814, 41.0648, 44.5190

Square

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



39.3692, 41.0648, 44.3794



38.9143, 41.0648, 43.7533



38.6945, 41.0648, 45.0474



39.1476, 41.0648, 45.6858

Rectangle

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



39.3692, 41.0648, 44.3794



39.1585, 41.0648, 43.7645



38.6945, 41.0648, 45.0474



38.9035, 41.0648, 45.6742

Sweetspot

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



39.3704, 41.0666, 44.3803



72.0494, 75.4207, 81.7661



39.6591, 41.1811, 45.9035



16.0248, 16.7792, 18.1953



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.



39.3704, 41.0666, 44.3803



71.1346, 74.0824, 79.9465



39.6547, 41.6353, 44.4751



8.7868, 9.1591, 9.8920



12.6623, 6.5301, 0.5931



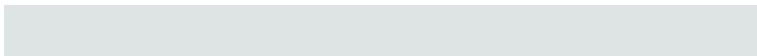
0.3525, 0.1821, 0.0166

Inverse Universe

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



39.5707, 41.9855, 46.0635



71.5626, 76.0462, 83.5435



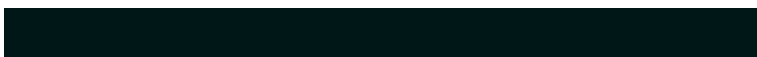
39.2831, 41.4103, 45.9676



8.8351, 9.3806, 10.2977



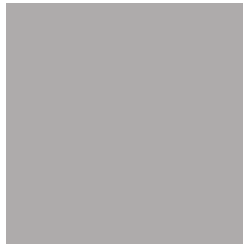
16.4952, 24.1242, 32.8316



0.4591, 0.6715, 0.9134

Previews

White Background



This preview shows how the XYZ color 39.3692, 41.0648, 44.3794 looks on a white background.

Color Contrast Check

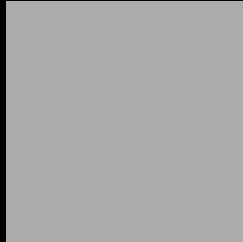
Large Text (above 18pt) WCAG AA × Fail

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 39.3692, 41.0648, 44.3794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

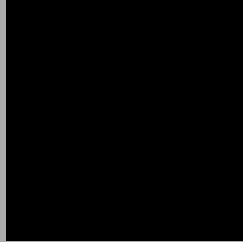
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

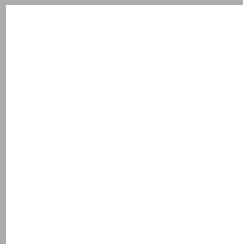
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.3692, 41.0648, 44.3794

Background



This preview shows how black text looks on a background with the XYZ color 39.3692, 41.0648, 44.3794.

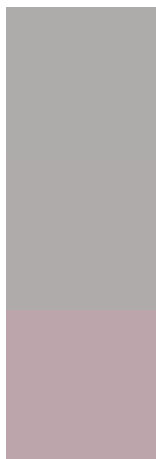


This preview shows how white text looks on a background with the XYZ color 39.3692, 41.0648,

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

39.3692, 41.0648, 44.3794

Protanopia

39.5928, 41.1801, 44.3899

Deuteranopia

41.8216, 40.9424, 44.7282



Tritanopia

40.6397, 41.0249, 50.5764

Trichromacy



Original Color

39.3692, 41.0648, 44.3794

Protanomaly

39.5928, 41.1801, 44.3899

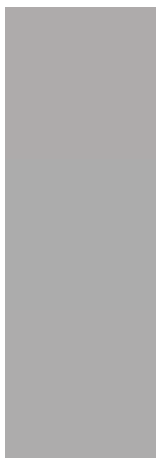
Deuteranomaly

40.9775, 41.0511, 44.7936

Tritanomaly

40.1906, 41.1181, 48.4661

Monochromacy



Original Color

39.3692, 41.0648, 44.3794

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.4325, 41.3678, 44.9362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3692, 41.0648, 44.3794 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, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(174, 171, 171)  
}
```

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, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 171, 171) }
```

Border

The CSS property to change the border of an element to XYZ 39.3692, 41.0648, 44.3794 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, 171, 171) }
```


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

```
.border{ border-color:rgb(174, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(174, 171,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3692, 41.0648, 44.3794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 171, 171) }
```

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

```
.background{ background-color: rgb(174,  
171, 171) }
```

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