

Converting Colors

XYZ(39.2845, 40.3344, 34.7632)

Have a look what the booklet for
XYZ(39.2845, 40.3344, 34.7632)
contains.

XYZ(39.2748, 40.3976, 34.5817)	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(39.2748, 40.3976,
34.5817)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A896
RGB	184, 168, 150
RGB Percent	72%, 66%, 59%
CMY	0.2784, 0.3412, 0.4118
CMYK	0.00, 0.09, 0.18, 0.28
HSL	32°, 19%, 65%
HSV	32°, 18%, 72%
XYZ	39.2748, 40.3976, 34.5817
YIQ	170.7320, 15.3140, -2.2060

Conversions

Conversions Part 2

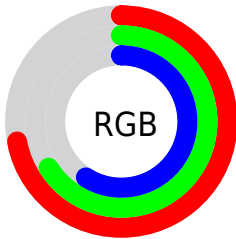
Format	Color
R_{YB}	180, 184, 150
Decimal	12101782
CIE _{Lab}	69.75, 2.80, 11.39
CIE _{LCh}	70, 11.730, 76.208
Yxy	40.3976, 0.3437, 0.3536
Android (android.graphics.Color)	4290291862 (0xFFB8A896)
YUV	170.7320, -10.2209, 11.6360
Hunter-Lab	63.5591, -0.9287, 12.2324

Details

The XYZ color **39.2748, 40.3976, 34.5817** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8654, 37.2163, 50.6935**, and the grayscale version is **38.6194, 40.6306, 44.2467**.

A 20% lighter version of the original color is **73.2219, 75.6603, 67.8714**, and **17.8576, 18.2169, 14.3794** is the 20% darker color. If you saturate the color by 10%, you get **36.3629, 36.7615, 26.8662**, and if you desaturate by 10%, it is **42.5280, 44.3432, 43.5598**.

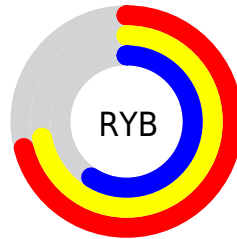
Distribution



Red (72%)

Green (66%)

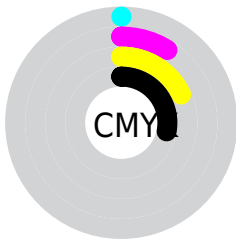
Blue (59%)



Red (71%)

Yellow (72%)

Blue (59%)

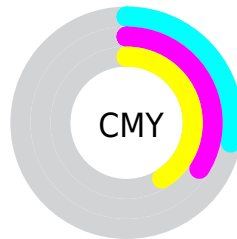


Cyan (0%)

Magenta (9%)

Yellow (18%)

Black (28%)



Cyan (28%)

Magenta (34%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2748, 40.3976, 34.5817 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 39.2748, 40.3976, 34.5817 by changing the saturation by 10% instead.


 39.2748, 40.3976,
34.5817


 39.2748, 40.3976,
34.5817


334.2445,
347.7966, 337.5661

 27.1553, 27.8487,
23.0599


 73.3493, 75.7686,
67.9814

 17.8271, 18.2116,
14.4320

 96.0350, 99.3594,
90.6964

 10.9248, 11.1020,
8.2796


122.9734,
127.3997, 117.9796

 6.0832, 6.1355,
4.1840

154.5300,
160.2739, 150.2494

 2.9369, 2.9277,
1.7268

191.0700,
198.3662, 187.9244

 1.1205, 1.0941,
0.3790

232.9589,

 0.0421, 0.0000,

242.0612, 231.4231

0.0000

280.5619,
291.7432, 281.1642

■ 0.0000, 0.0000,
0.0000

■ 39.2748, 40.3976,
34.5817

■ 39.2748, 40.3976,
34.5817

■ 36.3629, 36.7615,
26.8662

■ 42.5280, 44.3432,
43.5598

■ 33.7762, 33.4210,
20.3530

■ 46.1313, 48.6010,
53.8519

■ 31.5019, 30.3691,
14.9807

■ 50.0973, 53.1804,
65.5097

■ 29.5250, 27.5963,
10.6813

■ 54.4370, 58.0889,
78.5812

■ 27.8293, 25.0924,
7.3797

■ 59.1606, 63.3335,
93.1122

■ 26.3962, 22.8463,
4.9906

■ 63.3962, 68.5683,
104.5014

■ 25.2047, 20.8457,
3.4145

■ 65.7268, 73.2294,
105.2783

■ 24.2208, 19.0729,
2.4853

■ 68.1766, 78.1291,
106.0949

■ 24.0820, 18.8198,
2.3633

■ 70.7476, 83.2711,
106.9519

Harmonies

Analogous

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



40.9825, 40.3976, 36.8531



39.2748, 40.3976, 34.5817



37.3853, 40.3976, 34.6791

Triad

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



39.2748, 40.3976, 34.5817



34.9922, 40.3976, 46.9737



41.0965, 40.3976, 51.6366

Complementary

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



39.2748, 40.3976, 34.5817



34.8654, 37.2163, 50.6935

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.



39.4262, 40.3976, 54.8250



39.2748, 40.3976, 34.5817



35.9220, 40.3976, 51.9848

Square

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



39.2748, 40.3976, 34.5817



34.9547, 40.3976, 41.5372



37.5318, 40.3976, 54.9574



42.0575, 40.3976, 46.5295

Rectangle

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



39.2748, 40.3976, 34.5817



36.2774, 40.3976, 36.0677



37.5318, 40.3976, 54.9574



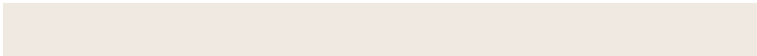
40.5969, 40.3976, 52.9861

Sweetspot

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



39.2759, 40.3994, 34.5826



78.5876, 82.1666, 83.1796



37.5967, 34.7727, 41.0159



16.8538, 17.6086, 17.6827



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



39.2759, 40.3994, 34.5826



69.0718, 70.6039, 56.9821



42.2775, 46.6038, 35.6219



9.3876, 9.7782, 9.4995



16.6684, 13.1132, 1.6526



0.6490, 0.5851, 0.0787

Inverse Universe

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



34.8654, 37.2163, 50.6935



59.6564, 63.8092, 91.3768



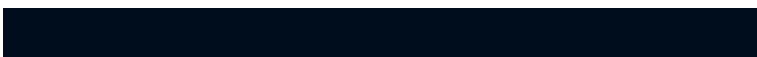
32.2408, 31.8119, 49.7887



8.8601, 9.3975, 11.4264



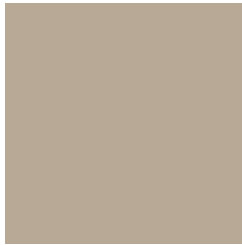
8.3573, 7.1743, 32.1974



0.3567, 0.3770, 1.1557

Previews

White Background



This preview shows how the XYZ color 39.2748, 40.3976, 34.5817 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 39.2748, 40.3976, 34.5817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

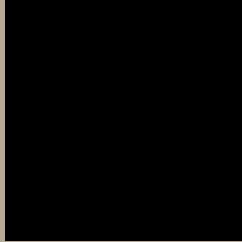
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2748, 40.3976, 34.5817

Background



This preview shows how black text looks on a background with the XYZ color 39.2748, 40.3976, 34.5817.



This preview shows how white text looks on a background with the XYZ color 39.2748, 40.3976,

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

39.2748, 40.3976, 34.5817

Protanopia

38.3207, 40.4488, 35.0658

Deuteranopia

41.1095, 40.2546, 34.8814



Tritanopia

41.7048, 40.2900, 47.1736

Trichromacy



Original Color

39.2748, 40.3976, 34.5817

Protanomaly

38.5963, 40.3136, 35.0252

Deuteranomaly

40.2763, 40.0918, 34.8939

Tritanomaly

40.6799, 40.1394, 42.1628

Monochromacy



Original Color

39.2748, 40.3976, 34.5817

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.8901, 40.6239, 40.4418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2748, 40.3976, 34.5817 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(184, 168, 150)` looks like.

```
.text, #text, p{  
    color:rgb(184, 168, 150)  
}
```

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(184, 168, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 168, 150) }
```

Border

The CSS property to change the border of an element to XYZ 39.2748, 40.3976, 34.5817 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(184, 168, 150) }
```


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

```
.border{ border-color:rgb(184, 168, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 168, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 168, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 168, 150);  
box-shadow:4px 4px 4px 4px rgb(184, 168,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2748, 40.3976, 34.5817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 168, 150) }
```

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

```
.background{ background-color: rgb(184,  
168, 150) }
```

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