

Converting Colors

XYZ(38.3448, 40.8289, 34.8539)

Have a look what the booklet for
XYZ(38.3448, 40.8289, 34.8539)
contains.

XYZ(38.1994, 40.6749, 34.6919)	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(38.1994, 40.6749,
34.6919)**

Conversions

Conversions Part 1

Format	Color
Hex	B1AB96
RGB	177, 171, 150
RGB Percent	69%, 67%, 59%
CMY	0.3059, 0.3294, 0.4118
CMYK	0.00, 0.03, 0.15, 0.31
HSL	47°, 15%, 64%
HSV	47°, 15%, 69%
XYZ	38.1994, 40.6749, 34.6919
YIQ	170.4000, 10.3170, -5.2590

Conversions

Conversions Part 2

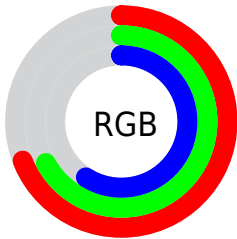
Format	Color
RYB	158, 177, 150
Decimal	11643798
CIELab	69.95, -1.48, 11.58
CIELCh	70, 11.679, 97.271
Yxy	40.6749, 0.3364, 0.3582
Android (android.graphics.Color)	4289833878 (0xFFB1AB96)
YUV	170.4000, -10.0572, 5.7882
Hunter-Lab	63.7769, -4.6963, 12.3926

Details

The XYZ color **38.1994, 40.6749, 34.6919** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4019, 33.4347, 46.3412**, and the grayscale version is **38.4541, 40.4567, 44.0573**.

A 20% lighter version of the original color is **71.6997, 76.0760, 68.0319**, and **17.1611, 18.3796, 14.4475** is the 20% darker color. If you saturate the color by 10%, you get **36.1493, 38.6857, 27.4999**, and if you desaturate by 10%, it is **40.4891, 42.7981, 43.0270**.

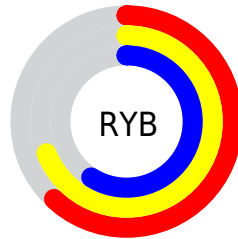
Distribution



Red (69%)

Green (67%)

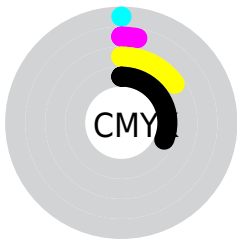
Blue (59%)



Red (62%)

Yellow (69%)

Blue (59%)

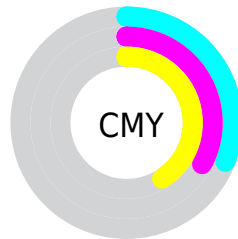


Cyan (0%)

Magenta (3%)

Yellow (15%)

Black (31%)



Cyan (31%)


Magenta (33%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1994, 40.6749, 34.6919 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 38.1994, 40.6749, 34.6919 by changing the saturation by 10% instead.


 38.1994, 40.6749,
34.6919


 38.1994, 40.6749,
34.6919


329.7407,
348.9600, 338.0691

 26.3154, 28.0651,
23.1440

 71.7156, 76.1901,
68.1543

 17.1937, 18.3748,
14.4936

 94.0785, 99.8644,
90.9060

 10.4688, 11.2194,
8.3221


120.6651,
127.9956, 118.2292

 5.7755, 6.2146,
4.2110

151.8407,
160.9682, 150.5427

 2.7484, 2.9760,
1.7418

187.9707,
199.1666, 188.2648

 1.0222, 1.1192,
0.3891

229.4205,

 0.0000, 0.0000,

242.9750, 231.8143

0.0000

276.5553,
292.7781, 281.6095

■ 38.1994, 40.6749,
34.6919

■ 38.1994, 40.6749,
34.6919

■ 36.1493, 38.6857,
27.4999

■ 40.4891, 42.7981,
43.0270

■ 34.3257, 36.8207,
21.3976

■ 43.0244, 45.0537,
52.5501

■ 32.7191, 35.0773,
16.3312

■ 45.8150, 47.4474,
63.3070

■ 31.3182, 33.4506,
12.2415

■ 48.8692, 49.9828,
75.3401

■ 30.1103, 31.9352,
9.0631

■ 52.1948, 52.6632,
88.6901

■ 29.0813, 30.5251,
6.7225

■ 55.6052, 55.4144,
102.3731

■ 28.2149, 29.2135,
5.1349

■ 56.4953, 57.1945,
102.6698

■ 27.4909, 27.9921,
4.1953

■ 57.4087, 59.0213,
102.9742

■ 27.1756, 27.4352,
3.8632

■ 58.3456, 60.8951,
103.2865

Harmonies

Analogous

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



40.0903, 40.6749, 35.3151



38.1994, 40.6749, 34.6919



36.4881, 40.6749, 36.4669

Triad

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



38.1994, 40.6749, 34.6919



35.8231, 40.6749, 50.9367



42.1316, 40.6749, 48.4584

Complementary

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



38.1994, 40.6749, 34.6919



32.4019, 33.4347, 46.3412

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.



40.9170, 40.6749, 53.1544



38.1994, 40.6749, 34.6919



37.2647, 40.6749, 54.6651

Square

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



38.1994, 40.6749, 34.6919



35.1457, 40.6749, 45.6265



39.1248, 40.6749, 55.5083



42.4017, 40.6749, 42.9760

Rectangle

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



38.1994, 40.6749, 34.6919



35.6654, 40.6749, 38.8644



39.1248, 40.6749, 55.5083



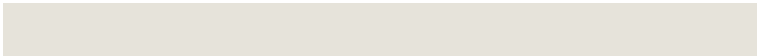
41.8183, 40.6749, 50.1942

Sweetspot

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



38.2005, 40.6767, 34.6928



72.5868, 76.7153, 77.3286



35.0645, 33.5709, 36.2181



15.6668, 16.5673, 16.5218



84.5950, 89.0005, 96.9216



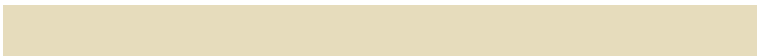
16.2198, 17.0645, 18.5832

Same Dimension

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



38.2005, 40.6767, 34.6928



67.2491, 71.7367, 57.9866



37.7620, 42.1705, 35.0042



9.0338, 9.5801, 9.0255



19.7360, 19.9705, 2.8145



0.6606, 0.7076, 0.1018

Inverse Universe

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



32.4019, 33.4347, 46.3412



55.0479, 56.4990, 82.4994



32.7864, 32.1759, 46.0779



8.1900, 8.5262, 10.7204



6.3212, 3.4429, 30.4684



0.2424, 0.1953, 0.9732

Previews

White Background



This preview shows how the XYZ color 38.1994, 40.6749, 34.6919 looks on a white background.

Color Contrast Check

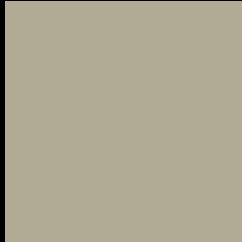
Large Text (above 18pt) WCAG AA × Fail

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 38.1994, 40.6749, 34.6919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

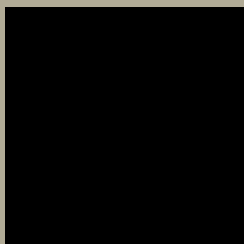
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

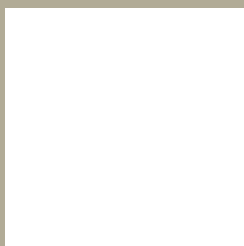
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.1994, 40.6749, 34.6919

Background



This preview shows how black text looks on a background with the XYZ color 38.1994, 40.6749, 34.6919.



This preview shows how white text looks on a background with the XYZ color 38.1994, 40.6749,

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

38.1994, 40.6749, 34.6919

Protanopia

38.4702, 40.5352, 34.6506

Deuteranopia

41.5467, 40.7467, 34.9533



Tritanopia

41.1130, 40.7565, 48.8799

Trichromacy



Original Color

38.1994, 40.6749, 34.6919

Protanomaly

38.2398, 40.4164, 34.6399

Deuteranomaly

40.1437, 40.5632, 34.9918

Tritanomaly

39.9865, 40.5731, 43.2600

Monochromacy



Original Color

38.1994, 40.6749, 34.6919

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.2192, 40.2780, 40.4104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1994, 40.6749, 34.6919 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(177, 171, 150)` looks like.

```
.text, #text, p{  
    color:rgb(177, 171, 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(177, 171, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 171, 150) }
```

Border

The CSS property to change the border of an element to XYZ 38.1994, 40.6749, 34.6919 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(177, 171, 150) }
```


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

```
.border{ border-color:rgb(177, 171, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 171, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 171, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 171, 150);  
box-shadow:4px 4px 4px 4px rgb(177, 171,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1994, 40.6749, 34.6919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 171, 150) }
```

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

```
.background{ background-color: rgb(177,  
171, 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](#).

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