

Converting Colors

XYZ(40.4335, 43.1883, 38.1034)

Have a look what the booklet for
XYZ(40.4335, 43.1883, 38.1034)
contains.

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Color

**XYZ(40.4335, 43.1883,
38.1034)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B09D
RGB	180, 176, 157
RGB Percent	71%, 69%, 62%
CMY	0.2941, 0.3098, 0.3843
CMYK	0.00, 0.02, 0.13, 0.29
HSL	50°, 13%, 66%
HSV	50°, 13%, 71%
XYZ	40.4335, 43.1883, 38.1034
YIQ	175.0300, 8.4830, -5.0610

Conversions

Conversions Part 2

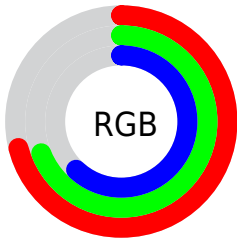
Format	Color
RYB	162, 180, 157
Decimal	11841693
CIELab	71.68, -1.90, 10.24
CIELCh	72, 10.413, 100.509
Yxy	43.1883, 0.3322, 0.3548
Android (android.graphics.Color)	4290031773 (0xFFB4B09D)
YUV	175.0300, -8.8888, 4.3587
Hunter-Lab	65.7178, -5.1824, 11.6259

Details

The XYZ color **40.4335, 43.1883, 38.1034** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.8876, 35.9523, 48.2810**, and the grayscale version is **40.8055, 42.9306, 46.7514**.

A 20% lighter version of the original color is **75.3323, 80.2996, 73.8163**, and **18.5616, 19.9679, 16.5116** is the 20% darker color. If you saturate the color by 10%, you get **38.4028, 41.4076, 30.3950**, and if you desaturate by 10%, it is **42.7071, 45.0917, 47.0109**.

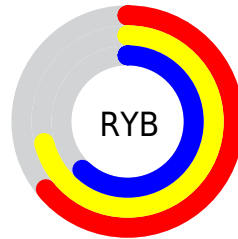
Distribution



Red (71%)

Green (69%)

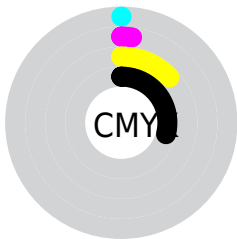
Blue (62%)



Red (64%)

Yellow (71%)

Blue (62%)

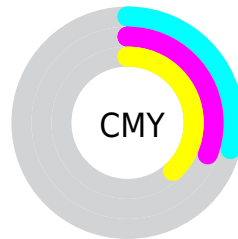


Cyan (0%)

Magenta (2%)

Yellow (13%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4335, 43.1883, 38.1034 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 40.4335, 43.1883, 38.1034 by changing the saturation by 10% instead.

■ 40.4335, 43.1883,
38.1034

■ 40.4335, 43.1883,
38.1034

339.0505,
359.3856, 353.3748

■ 28.0624, 30.0329,
25.7605

■ 75.1033, 79.9949,
73.4718

■ 18.5134, 19.8636,
16.4204

■ 98.1328, 104.4149,
97.3343

■ 11.4211, 12.2959,
9.6646

125.4457,
133.3586, 125.8738

■ 6.4202, 6.9455,
5.0744

157.4076,
167.2103, 159.5089

■ 3.1453, 3.4281,
2.2315

194.3836,
206.3545, 198.6579

■ 1.2311, 1.3591,
0.6925

236.7392,

■ 0.1307, 0.1863,

251.1755, 243.7396

0.0000

284.8397,
302.0577, 295.1724

■ 0.0000, 0.0000,
0.0000

■ 40.4335, 43.1883,
38.1034

■ 40.4335, 43.1883,
38.1034

■ 38.4028, 41.4076,
30.3950

■ 42.7071, 45.0917,
47.0109

■ 36.6017, 39.7396,
23.8310

■ 45.2294, 47.1159,
57.1634

■ 35.0204, 38.1820,
18.3564

■ 48.0105, 49.2665,
68.6080

■ 33.6475, 36.7298,
13.9107

■ 51.0588, 51.5471,
81.3884

■ 32.4703, 35.3779,
10.4276

■ 54.3823, 53.9609,
95.5463

■ 31.4746, 34.1205,
7.8329

■ 56.3358, 55.8500,
102.4187

■ 30.6441, 32.9508,
6.0414

■ 57.0429, 57.2641,
102.6543

■ 29.9595, 31.8610,
4.9516

■ 57.7646, 58.7076,
102.8949

■ 29.5268, 31.1119,
4.4490

■ 58.5013, 60.1809,
103.1405

Harmonies

Analogous

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



42.1917, 43.1883, 38.4468



40.4335, 43.1883, 38.1034



38.8846, 43.1883, 40.0172

Triad

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



40.4335, 43.1883, 38.1034



38.5233, 43.1883, 53.6229



44.3313, 43.1883, 50.3419

Complementary

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



40.4335, 43.1883, 38.1034



34.8876, 35.9523, 48.2810

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.



43.2927, 43.1883, 54.8060



40.4335, 43.1883, 38.1034



39.9275, 43.1883, 56.7922

Square

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



40.4335, 43.1883, 38.1034



37.8029, 43.1883, 48.8192



41.6711, 43.1883, 57.2400



44.4762, 43.1883, 45.2747

Rectangle

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



40.4335, 43.1883, 38.1034



38.1663, 43.1883, 42.4016



41.6711, 43.1883, 57.2400



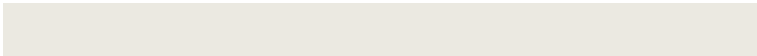
44.0737, 43.1883, 51.9722

Sweetspot

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



40.4347, 43.1902, 38.1043



76.8794, 81.3028, 83.0298



37.3320, 36.3987, 38.8771



16.5476, 17.5157, 17.6735



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



40.4347, 43.1902, 38.1043



72.3628, 77.4914, 65.4262



39.5784, 43.9292, 38.2921



9.0690, 9.6504, 9.0373



20.6512, 21.8010, 3.1196



0.6828, 0.7520, 0.1092

Inverse Universe

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



34.8876, 35.9523, 48.2810



60.5567, 62.0871, 87.0869



35.6641, 35.3325, 48.1205



8.1574, 8.4610, 10.7095



6.1322, 3.0648, 30.4053



0.2290, 0.1685, 0.9687

Previews

White Background



This preview shows how the XYZ color 40.4335, 43.1883, 38.1034 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 40.4335, 43.1883, 38.1034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

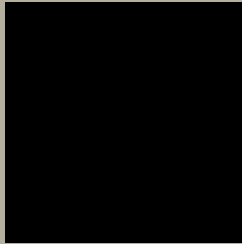
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

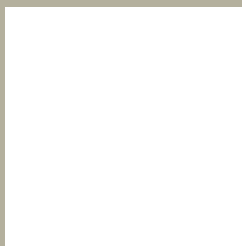
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.4335, 43.1883, 38.1034

Background



This preview shows how black text looks on a background with the XYZ color 40.4335, 43.1883, 38.1034.



This preview shows how white text looks on a background with the XYZ color 40.4335, 43.1883,

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

40.4335, 43.1883, 38.1034

Protanopia

40.8592, 43.1275, 37.6234

Deuteranopia

43.9127, 42.9867, 38.3306



Tritanopia

43.2766, 43.1982, 51.9561

Trichromacy



Original Color

40.4335, 43.1883, 38.1034

Protanomaly

40.6221, 43.0053, 37.6123

Deuteranomaly

42.6623, 43.1801, 38.4338

Tritanomaly

42.2099, 43.0496, 46.6421

Monochromacy



Original Color

40.4335, 43.1883, 38.1034

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.5293, 42.8342, 43.1775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4335, 43.1883, 38.1034 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(180, 176, 157)` looks like.

```
.text, #text, p{  
    color:rgb(180, 176, 157)  
}
```

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(180, 176, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 176, 157) }
```

Border

The CSS property to change the border of an element to XYZ 40.4335, 43.1883, 38.1034 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(180, 176, 157) }
```


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

```
.border{ border-color:rgb(180, 176, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 176, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 176, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 176, 157);  
box-shadow:4px 4px 4px 4px rgb(180, 176,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4335, 43.1883, 38.1034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 176, 157) }
```

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

```
.background{ background-color: rgb(180,  
176, 157) }
```

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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