

Converting Colors

XYZ(40.3585, 41.3173, 43.3840)

Have a look what the booklet for
XYZ(40.3585, 41.3173, 43.3840)
contains.

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Color

**XYZ(40.3585, 41.3173,
43.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	B4AAA9
RGB	180, 170, 169
RGB Percent	71%, 67%, 66%
CMY	0.2941, 0.3333, 0.3373
CMYK	0.00, 0.06, 0.06, 0.29
HSL	5°, 7%, 68%
HSV	5°, 6%, 71%
XYZ	40.3585, 41.3173, 43.3840
YIQ	172.8760, 6.2810, 1.8090

Conversions

Conversions Part 2

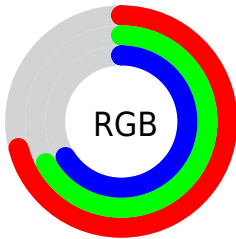
Format	Color
RYB	180, 170, 169
Decimal	11840169
CIELab	70.40, 3.41, 1.79
CIElCh	70, 3.849, 27.736
Yxy	41.3173, 0.3227, 0.3304
Android (android.graphics.Color)	4290030249 (0xFFB4AAA9)
YUV	172.8760, -1.9109, 6.2477
Hunter-Lab	64.2785, -0.4128, 4.9779

Details

The XYZ color **40.3585, 41.3173, 43.3840** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.7203, 43.9697, 49.5212**, and the grayscale version is **39.6654, 41.7311, 45.4452**.

A 20% lighter version of the original color is **74.9718, 77.0651, 81.4446**, and **18.4417, 18.7532, 19.4774** is the 20% darker color. If you saturate the color by 10%, you get **35.9058, 34.9323, 34.1288**, and if you desaturate by 10%, it is **45.4278, 48.5622, 53.9935**.

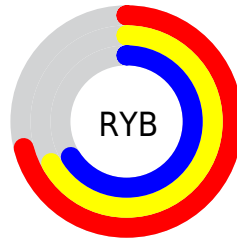
Distribution



Red (71%)

Green (67%)

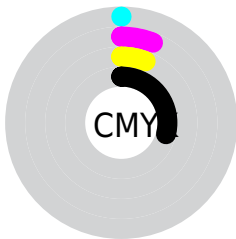
Blue (66%)



Red (71%)

Yellow (67%)

Blue (66%)

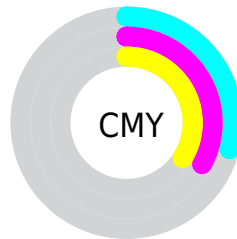


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3585, 41.3173, 43.3840 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 40.3585, 41.3173, 43.3840 by changing the saturation by 10% instead.

■ 40.3585, 41.3173,
43.3840

■ 40.3585, 41.3173,
43.3840

338.7408,
351.6450, 376.1561

■ 28.0036, 28.5671,
29.8529

■ 74.9900, 77.1653,
81.5826

■ 18.4689, 18.7536,
19.4759

■ 97.9973, 101.0320,
107.0871

■ 11.3888, 11.4924,
11.8343

125.2862,
129.3728, 137.4199

■ 6.3982, 6.3990,
6.5098

157.2219,
162.5724, 172.9994

■ 3.1317, 3.0892,
3.0837

194.1699,
201.0150, 214.2443

■ 1.2238, 1.1785,
1.1375

236.4955,

■ 0.1250, 0.0440,

245.0850, 261.5730

0.0000

284.5640,
295.1669, 315.4041

■ 0.0000, 0.0000,
0.0000

■ 40.3585, 41.3173,
43.3840

■ 40.3585, 41.3173,
43.3840

■ 35.9058, 34.9323,
34.1288

■ 45.4278, 48.5622,
53.9935

■ 32.0429, 29.3701,
26.1708

■ 51.1323, 56.6915,
66.0060

■ 28.7459, 24.5988,
19.4529

■ 57.4943, 65.7357,
79.4710

■ 25.9883, 20.5824,
13.9125

■ 64.5338, 75.7221,
94.4348

■ 23.7411, 17.2823,
9.4818

■ 71.6190, 86.4163,
107.5130

■ 21.9728, 14.6562,
6.0858

■ 72.6326, 88.4434,
107.8509

■ 20.6485, 12.6575,
3.6404

■ 19.7281, 11.2337,
2.0483

■ 19.1629, 10.3228,
1.1835

Harmonies

Analogous

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



40.5002, 41.3173, 45.1254



40.3585, 41.3173, 43.3840



39.9245, 41.3173, 42.1026

Triad

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



40.3585, 41.3173, 43.3840



38.2502, 41.3173, 43.1515



39.2228, 41.3173, 48.5628

Complementary

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



40.3585, 41.3173, 43.3840



40.7203, 43.9697, 49.5212

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.



38.6244, 41.3173, 48.0012



40.3585, 41.3173, 43.3840



38.0667, 41.3173, 44.8499

Square

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



40.3585, 41.3173, 43.3840



38.7069, 41.3173, 41.9710



38.2029, 41.3173, 46.6301



39.8403, 41.3173, 48.1453

Rectangle

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



40.3585, 41.3173, 43.3840



39.5301, 41.3173, 41.6651



38.2029, 41.3173, 46.6301



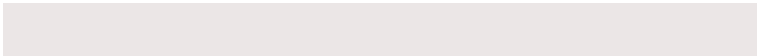
39.0128, 41.3173, 48.4820

Sweetspot

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



40.3597, 41.3191, 43.3849



76.7894, 80.0830, 86.2055



41.1560, 41.3378, 48.5023



16.6183, 17.3393, 18.6767



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.



40.3597, 41.3191, 43.3849



72.3154, 73.6818, 76.8624



41.3955, 43.3908, 43.7302



8.7461, 8.8971, 9.2610



13.2933, 7.0852, 0.6669



0.4386, 0.2636, 0.0278

Inverse Universe

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



40.7203, 43.9697, 49.5212



73.0722, 79.2437, 89.7388



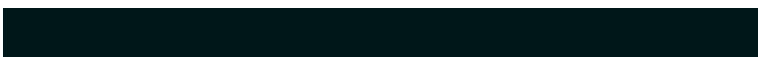
39.6566, 41.8422, 49.1667



8.8420, 9.6024, 10.8938



14.9890, 20.7783, 33.3576



0.4908, 0.6921, 1.0560

Previews

White Background



This preview shows how the XYZ color 40.3585, 41.3173, 43.3840 looks on a white background.

Color Contrast Check

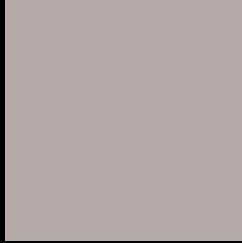
Large Text (above 18pt) WCAG AA × Fail

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 40.3585, 41.3173, 43.3840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

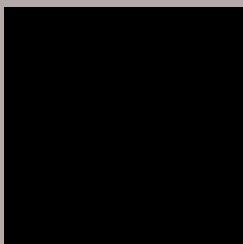
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

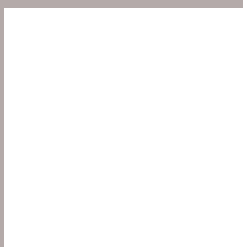
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.3585, 41.3173, 43.3840

Background



This preview shows how black text looks on a background with the XYZ color 40.3585, 41.3173, 43.3840.



This preview shows how white text looks on a background with the XYZ color 40.3585, 41.3173,

43.3840.

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

40.3585, 41.3173, 43.3840

Protanopia

39.7231, 41.2582, 43.9002

Deuteranopia

42.3096, 41.4869, 43.8080



Tritanopia

41.6345, 41.2865, 49.4908

Trichromacy



Original Color

40.3585, 41.3173, 43.3840

Protanomaly

39.9501, 41.3752, 43.9108

Deuteranomaly

41.5080, 41.3466, 43.8232

Tritanomaly

41.1798, 41.3740, 47.4105

Monochromacy



Original Color

40.3585, 41.3173, 43.3840

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.1034, 41.7137, 44.9676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3585, 41.3173, 43.3840 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, 170, 169)` looks like.

```
.text, #text, p{  
    color:rgb(180, 170, 169)  
}
```

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, 170, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 170, 169) }
```

Border

The CSS property to change the border of an element to XYZ 40.3585, 41.3173, 43.3840 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, 170, 169) }
```


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

```
.border{ border-color:rgb(180, 170, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 170, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 170, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 170, 169);  
box-shadow:4px 4px 4px 4px rgb(180, 170,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3585, 41.3173, 43.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 170, 169) }
```

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

```
.background{ background-color: rgb(180,  
170, 169) }
```

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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