

Converting Colors

XYZ(39.8238, 41.5466, 34.6065)

Have a look what the booklet for
XYZ(39.8238, 41.5466, 34.6065)
contains.

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Color

**XYZ(39.8351, 41.5182,
34.7684)**

Conversions

Conversions Part 1

Format	Color
Hex	B8AB96
RGB	184, 171, 150
RGB Percent	72%, 67%, 59%
CMY	0.2784, 0.3294, 0.4118
CMYK	0.00, 0.07, 0.18, 0.28
HSL	37°, 19%, 65%
HSV	37°, 18%, 72%
XYZ	39.8351, 41.5182, 34.7684
YIQ	172.4930, 14.4890, -3.7750

Conversions

Conversions Part 2

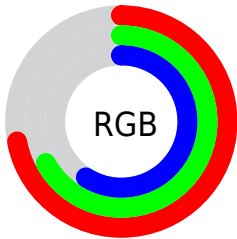
Format	Color
RYB	171, 184, 150
Decimal	12102550
CIELab	70.54, 1.17, 12.50
CIElCh	71, 12.556, 84.642
Yxy	41.5182, 0.3430, 0.3575
Android (android.graphics.Color)	4290292630 (0xFFB8AB96)
YUV	172.4930, -11.0890, 10.0916
Hunter-Lab	64.4346, -2.4074, 13.1118

Details

The XYZ color **39.8351, 41.5182, 34.7684** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.3264, 36.1382, 50.5139**, and the grayscale version is **39.5129, 41.5706, 45.2704**.

A 20% lighter version of the original color is **74.0306, 77.2776, 68.1410**, and **18.2090, 18.9198, 14.4965** is the 20% darker color. If you saturate the color by 10%, you get **37.1753, 38.3862, 27.1369**, and if you desaturate by 10%, it is **42.8006, 44.8884, 43.6506**.

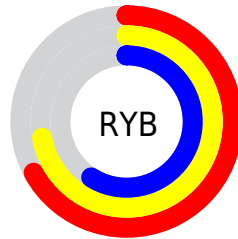
Distribution



Red (72%)

Green (67%)

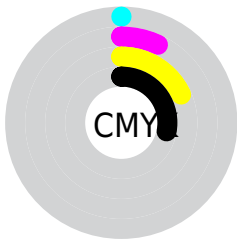
Blue (59%)



Red (67%)

Yellow (72%)

Blue (59%)

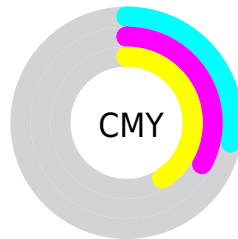


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8351, 41.5182, 34.7684 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 39.8351, 41.5182, 34.7684 by changing the saturation by 10% instead.

■ 39.8351, 41.5182,
34.7684

■ 39.8351, 41.5182,
34.7684

336.5744,
352.4818, 338.4180

■ 27.5936, 28.7242,
23.2024

■ 74.1983, 77.4699,
68.2743

■ 18.1584, 18.8723,
14.5363

■ 97.0507, 101.3964,
91.0513

■ 11.1642, 11.5780,
8.3516

124.1708,
129.8026, 118.4024

■ 6.2455, 6.4571,
4.2298

155.9240,
163.0728, 150.7461

■ 3.0370, 3.1249,
1.7522

192.6756,
201.5914, 188.5010

■ 1.1734, 1.1973,
0.3962

234.7910,

■ 0.0852, 0.0595,

245.7429, 232.0856

0.0000

282.6354,
295.9115, 281.9184

■ 0.0000, 0.0000,
0.0000

■ 39.8351, 41.5182,
34.7684

■ 39.8351, 41.5182,
34.7684

■ 37.1753, 38.3862,
27.1369

■ 42.8006, 44.8884,
43.6506

■ 34.8058, 35.4803,
20.6961

■ 46.0795, 48.4975,
53.8346

■ 32.7150, 32.7954,
15.3850

■ 49.6836, 52.3530,
65.3717

■ 30.8890, 30.3243,
11.1360

■ 53.6229, 56.4608,
78.3098

■ 29.3125, 28.0588,
7.8741

■ 57.9070, 60.8262,
92.6942

■ 27.9682, 25.9902,
5.5146

■ 61.6629, 65.1016,
103.9236

■ 26.8361, 24.1085,
3.9583

■ 63.4728, 68.7214,
104.5269

■ 25.8836, 22.3986,
3.0396

■ 65.3604, 72.4966,
105.1561

■ 25.7473, 22.1504,
2.9184

■ 67.3266, 76.4291,
105.8115

Harmonies

Analogous

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



41.8132, 41.5182, 36.5224



39.8351, 41.5182, 34.7684



37.8234, 41.5182, 35.6057

Triad

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



39.8351, 41.5182, 34.7684



35.9493, 41.5182, 50.1339



42.8020, 41.5182, 52.1378

Complementary

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



39.8351, 41.5182, 34.7684



34.3264, 36.1382, 50.5139

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.



41.1468, 41.5182, 56.3939



39.8351, 41.5182, 34.7684



37.2003, 41.5182, 55.1679

Square

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



39.8351, 41.5182, 34.7684



35.6255, 41.5182, 44.1489



39.0908, 41.5182, 57.5484



43.5640, 41.5182, 46.2804

Rectangle

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



39.8351, 41.5182, 34.7684



36.7272, 41.5182, 37.5622



39.0908, 41.5182, 57.5484



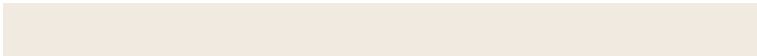
42.3289, 41.5182, 53.8229

Sweetspot

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



39.8362, 41.5201, 34.7693



78.9480, 82.8875, 83.2997



37.2878, 34.6491, 39.3891



16.9394, 17.7798, 17.7113



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.



39.8362, 41.5201, 34.7693



70.2728, 73.0060, 57.3824



41.4760, 46.1906, 35.5844



9.4540, 9.9110, 9.5216



17.8147, 15.4058, 2.0347



0.6858, 0.6587, 0.0910

Inverse Universe

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



34.3264, 36.1382, 50.5139



58.5115, 61.5192, 90.9951



32.8786, 32.1407, 49.8186



8.7950, 9.2672, 11.4046



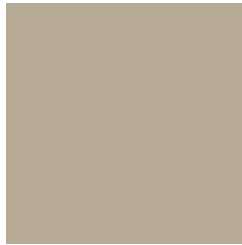
7.5503, 5.5602, 31.9284



0.3267, 0.3171, 1.1457

Previews

White Background



This preview shows how the XYZ color 39.8351, 41.5182, 34.7684 looks on a white background.

Color Contrast Check

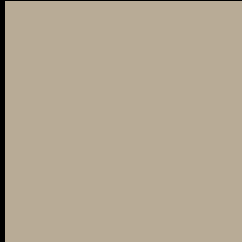
Large Text (above 18pt) WCAG AA × Fail

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 39.8351, 41.5182, 34.7684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

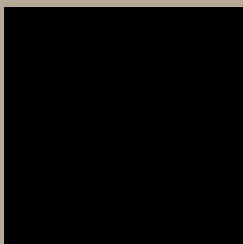
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

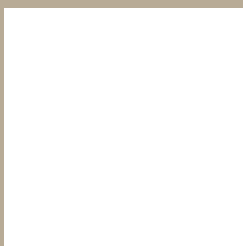
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.8351, 41.5182, 34.7684

Background



This preview shows how black text looks on a background with the XYZ color 39.8351, 41.5182, 34.7684.



This preview shows how white text looks on a background with the XYZ color 39.8351, 41.5182,

34.7684.

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

39.8351, 41.5182, 34.7684

Protanopia

39.3945, 41.5632, 35.2243

Deuteranopia

42.2481, 41.3771, 35.0380



Tritanopia

42.7960, 41.6241, 48.9587

Trichromacy



Original Color

39.8351, 41.5182, 34.7684

Protanomaly

39.6298, 41.6845, 35.2354

Deuteranomaly

41.3268, 41.4461, 35.0999

Tritanomaly

41.6576, 41.4346, 43.3382

Monochromacy



Original Color

39.8351, 41.5182, 34.7684

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.3579, 41.4155, 41.0416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8351, 41.5182, 34.7684 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, 171, 150)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 171, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 171, 150) }
```

Border

The CSS property to change the border of an element to XYZ 39.8351, 41.5182, 34.7684 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, 171, 150) }
```


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

```
.border{ border-color:rgb(184, 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(184, 171, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 171, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 171, 150);  
box-shadow:4px 4px 4px 4px rgb(184, 171,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8351, 41.5182, 34.7684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 171, 150) }
```

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

```
.background{ background-color: rgb(184,  
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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