

Converting Colors

XYZ(39.0858, 40.8311, 35.2986)

Have a look what the booklet for
XYZ(39.0858, 40.8311, 35.2986)
contains.

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Color

**XYZ(39.0167, 40.8076,
35.0984)**

Conversions

Conversions Part 1

Format	Color
Hex	B5AA97
RGB	181, 170, 151
RGB Percent	71%, 67%, 59%
CMY	0.2902, 0.3333, 0.4078
CMYK	0.00, 0.06, 0.17, 0.29
HSL	38°, 17%, 65%
HSV	38°, 17%, 71%
XYZ	39.0167, 40.8076, 35.0984
YIQ	171.1230, 12.6550, -3.5770

Conversions

Conversions Part 2

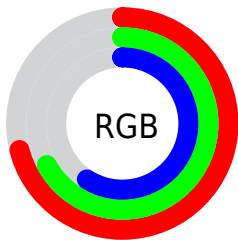
Format	Color
RYB	168, 181, 151
Decimal	11905687
CIELab	70.04, 0.73, 11.21
CIELCh	70, 11.238, 86.262
Yxy	40.8076, 0.3395, 0.3551
Android (android.graphics.Color)	4290095767 (0xFFB5AA97)
YUV	171.1230, -9.9206, 8.6621
Hunter-Lab	63.8808, -2.7684, 12.1405

Details

The XYZ color **39.0167, 40.8076, 35.0984** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0231, 35.7553, 48.8246**, and the grayscale version is **38.8152, 40.8366, 44.4711**.

A 20% lighter version of the original color is **72.8697, 76.2627, 68.6371**, and **17.6808, 18.4662, 14.6890** is the 20% darker color. If you saturate the color by 10%, you get **36.4460, 37.8406, 27.5376**, and if you desaturate by 10%, it is **41.8781, 43.9941, 43.8705**.

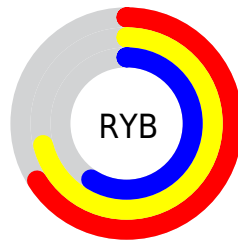
Distribution



Red (71%)

Green (67%)

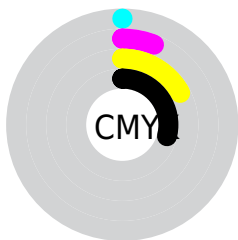
Blue (59%)



Red (66%)

Yellow (71%)

Blue (59%)

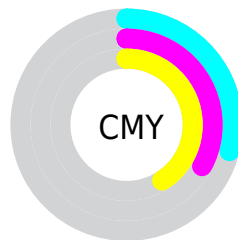


Cyan (0%)

Magenta (6%)

Yellow (17%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0167, 40.8076, 35.0984 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 39.0167, 40.8076, 35.0984 by changing the saturation by 10% instead.

■ 39.0167, 40.8076,
35.0984

■ 39.0167, 40.8076,
35.0984

333.1674,
349.5158, 339.9199

■ 26.9535, 28.1688,
23.4545

■ 72.9577, 76.3917,
68.7915

■ 17.6747, 18.4529,
14.7210

■ 95.5663, 100.1058,
91.6778

■ 10.8150, 11.2757,
8.4794

122.4207,
128.2805, 119.1486

■ 6.0089, 6.2526,
4.3111

153.8862,
161.3001, 151.6225

■ 2.8912, 2.9993,
1.7975

190.3283,
199.5490, 189.5181

■ 1.0965, 1.1313,
0.4263

232.1123,

■ 0.0222, 0.0045,

243.4117, 233.2538

0.0000

279.6036,
293.2725, 283.2482

■ 0.0000, 0.0000,
0.0000

■ 39.0167, 40.8076,
35.0984

■ 39.0167, 40.8076,
35.0984

■ 36.4460, 37.8406,
27.5376

■ 41.8781, 43.9941,
43.8705

■ 34.1516, 35.0817,
21.1312

■ 45.0374, 47.4002,
53.9023

■ 32.1225, 32.5264,
15.8215

■ 48.5056, 51.0332,
65.2425

■ 30.3457, 30.1680,
11.5448

■ 52.2921, 54.8981,
77.9365

■ 28.8070, 27.9992,
8.2308

■ 56.4061, 59.0001,
92.0277

■ 27.4903, 26.0119,
5.8002

■ 60.1062, 63.0438,
103.6085

■ 26.3773, 24.1972,
4.1610

■ 61.7763, 66.3841,
104.1652

■ 25.4432, 22.5435,
3.1884

■ 63.5152, 69.8619,
104.7448

■ 25.1478, 22.0071,
2.9224

■ 65.3235, 73.4785,
105.3476

Harmonies

Analogous

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



40.7778, 40.8076, 36.5529



39.0167, 40.8076, 35.0984



37.2470, 40.8076, 35.9780

Triad

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



39.0167, 40.8076, 35.0984



35.7095, 40.8076, 49.0523



41.7931, 40.8076, 50.2802

Complementary

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



39.0167, 40.8076, 35.0984



34.0231, 35.7553, 48.8246

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.



40.3676, 40.8076, 54.1175



39.0167, 40.8076, 35.0984



36.8609, 40.8076, 53.3702

Square

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



39.0167, 40.8076, 35.0984



35.3732, 40.8076, 43.7775



38.5570, 40.8076, 55.2902



42.4124, 40.8076, 45.0941

Rectangle

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



39.0167, 40.8076, 35.0984



36.2942, 40.8076, 37.8104



38.5570, 40.8076, 55.2902



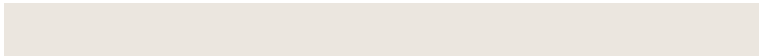
41.3902, 40.8076, 51.7860

Sweetspot

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



39.0178, 40.8094, 35.0993



75.8113, 79.6759, 81.1035



36.6447, 34.5661, 38.9235



16.3041, 17.1320, 17.2742



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.



39.0178, 40.8094, 35.0993



68.0882, 71.0444, 57.5206



40.2416, 44.6296, 35.7721



8.9299, 9.3724, 8.9909



17.4041, 15.3068, 2.0372



0.6009, 0.5882, 0.0819

Inverse Universe

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



34.0231, 35.7553, 48.8246



57.4001, 60.2302, 86.8949



32.9252, 32.4385, 48.2423



8.2886, 8.7233, 10.7532



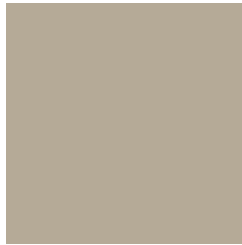
7.1679, 5.1361, 30.7506



0.2824, 0.2753, 0.9865

Previews

White Background



This preview shows how the XYZ color 39.0167, 40.8076, 35.0984 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 39.0167, 40.8076, 35.0984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

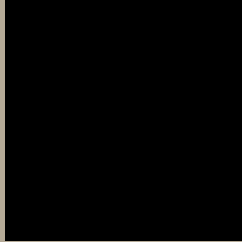
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0167, 40.8076, 35.0984

Background



This preview shows how black text looks on a background with the XYZ color 39.0167, 40.8076, 35.0984.



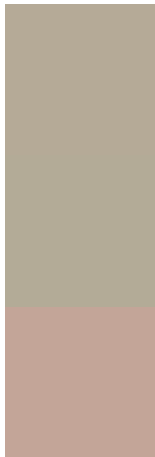
This preview shows how white text looks on a background with the XYZ color 39.0167, 40.8076,

35.0984.

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

39.0167, 40.8076, 35.0984

Protanopia

38.7392, 40.9439, 35.1393

Deuteranopia

41.6283, 40.7794, 35.3829



Tritanopia

41.7805, 40.8414, 48.3289

Trichromacy



Original Color

39.0167, 40.8076, 35.0984

Protanomaly

38.9712, 41.0635, 35.1502

Deuteranomaly

40.7214, 40.8516, 35.4447

Tritanomaly

40.7473, 40.6924, 43.2429

Monochromacy



Original Color

39.0167, 40.8076, 35.0984

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.9429, 40.9201, 40.9678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0167, 40.8076, 35.0984 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(181, 170, 151)` looks like.

```
.text, #text, p{  
    color:rgb(181, 170, 151)  
}
```

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(181, 170, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 170, 151) }
```

Border

The CSS property to change the border of an element to XYZ 39.0167, 40.8076, 35.0984 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(181, 170, 151) }
```


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

```
.border{ border-color:rgb(181, 170, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 170, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 170, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 170, 151);  
box-shadow:4px 4px 4px 4px rgb(181, 170,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0167, 40.8076, 35.0984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 170, 151) }
```

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

```
.background{ background-color: rgb(181,  
170, 151) }
```

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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