

Converting Colors

XYZ(39.5046, 41.9129, 34.8620)

Have a look what the booklet for
XYZ(39.5046, 41.9129, 34.8620)
contains.

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Color

**XYZ(39.5046, 41.9129,
34.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	B5AD96
RGB	181, 173, 150
RGB Percent	71%, 68%, 59%
CMY	0.2902, 0.3216, 0.4118
CMYK	0.00, 0.04, 0.17, 0.29
HSL	45°, 17%, 65%
HSV	45°, 17%, 71%
XYZ	39.5046, 41.9129, 34.8620
YIQ	172.7700, 12.1510, -5.4570

Conversions

Conversions Part 2

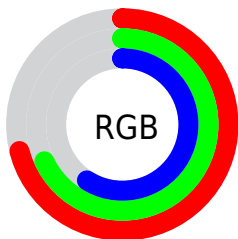
Format	Color
RYB	161, 181, 150
Decimal	11906454
CIELab	70.81, -1.04, 12.85
CIElCh	71, 12.893, 94.642
Yxy	41.9129, 0.3397, 0.3604
Android (android.graphics.Color)	4290096534 (0xFFB5AD96)
YUV	172.7700, -11.2256, 7.2177
Hunter-Lab	64.7402, -4.3742, 13.3910

Details

The XYZ color **39.5046, 41.9129, 34.8620** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1448, 34.2731, 48.5847**, and the grayscale version is **39.6553, 41.7204, 45.4335**.

A 20% lighter version of the original color is **73.5675, 77.8510, 68.2761**, and **17.9916, 19.1648, 14.5553** is the 20% darker color. If you saturate the color by 10%, you get **37.2790, 39.6165, 27.4763**, and if you desaturate by 10%, it is **41.9889, 44.3656, 43.4457**.

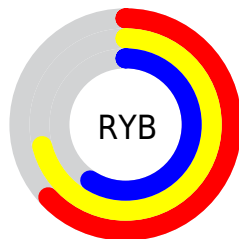
Distribution



Red (71%)

Green (68%)

Blue (59%)



Red (63%)

Yellow (71%)

Blue (59%)

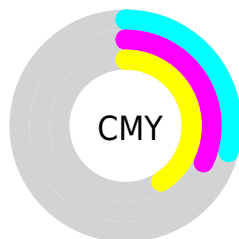


Cyan (0%)

Magenta (4%)

Yellow (17%)

Black (29%)



Cyan (29%)


Magenta (32%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5046, 41.9129, 34.8620 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 39.5046, 41.9129, 34.8620 by changing the saturation by 10% instead.


 39.5046, 41.9129,
34.8620


 39.5046, 41.9129,
34.8620


335.2014,
354.1217, 338.8445

 27.3350, 29.0331,
23.2739

 73.6977, 78.0678,
68.4211

 17.9629, 19.1059,
14.5887


 96.4519, 102.1117,
91.2291

 11.0228, 11.7468,
8.3878


123.4650,
130.6457, 118.6142

 6.1496, 6.5715,
4.2528

155.1023,
164.0542, 150.9949

 2.9778, 3.1956,
1.7650

191.7293,
202.7217, 188.7898

 1.1420, 1.2347,
0.4047

233.7112,

 0.0598, 0.0898,

247.0325, 232.4173

0.0000

281.4135,
297.3711, 282.2960

■ 0.0000, 0.0000,
0.0000

■ 39.5046, 41.9129,
34.8620

■ 39.5046, 41.9129,
34.8620

■ 37.2790, 39.6165,
27.4763

■ 41.9889, 44.3656,
43.4457

■ 35.2981, 37.4662,
21.2316

■ 44.7385, 46.9736,
53.2755

■ 33.5516, 35.4587,
16.0702

■ 47.7640, 49.7430,
64.4004

■ 32.0272, 33.5885,
11.9282

■ 51.0741, 52.6778,
76.8656

■ 30.7110, 31.8496,
8.7351

■ 54.6774, 55.7819,
90.7144

■ 29.5877, 30.2353,
6.4113

■ 57.9966, 58.8247,
102.9053

■ 28.6394, 28.7379,
4.8640

■ 59.1017, 61.0349,
103.2737

■ 27.8404, 27.3467,
3.9604

■ 60.2401, 63.3118,
103.6531

■ 27.6247, 26.9609,
3.7480

■ 61.4123, 65.6560,
104.0439

Harmonies

Analogous

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



41.6266, 41.9129, 35.7872



39.5046, 41.9129, 34.8620



37.5417, 41.9129, 36.6051

Triad

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



39.5046, 41.9129, 34.8620



36.5443, 41.9129, 52.6734



43.6751, 41.9129, 50.8752

Complementary

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



39.5046, 41.9129, 34.8620



33.1448, 34.2731, 48.5847

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.



42.2239, 41.9129, 56.0421



39.5046, 41.9129, 34.8620



38.0993, 41.9129, 57.1438

Square

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



39.5046, 41.9129, 34.8620



35.8720, 41.9129, 46.5972



40.1712, 41.9129, 58.4284



44.0838, 41.9129, 44.6882

Rectangle

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



39.5046, 41.9129, 34.8620



36.5722, 41.9129, 39.1462



40.1712, 41.9129, 58.4284



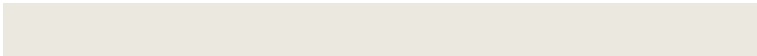
43.2905, 41.9129, 52.8062

Sweetspot

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



39.5057, 41.9148, 34.8629



76.1677, 80.3888, 81.2223



36.1573, 34.1148, 37.1478



16.3914, 17.3065, 17.3033



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.



39.5057, 41.9148, 34.8629



69.0140, 73.2966, 56.5942



39.4328, 44.2219, 35.3121



9.0078, 9.5282, 9.0169



19.1020, 18.7025, 2.6032



0.6449, 0.6762, 0.0965

Inverse Universe

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



33.1448, 34.2731, 48.5847



55.2295, 56.7380, 86.3352



33.1975, 32.3410, 48.2090



8.2143, 8.5747, 10.7285



6.4906, 3.7816, 30.5248



0.2523, 0.2151, 0.9765

Previews

White Background



This preview shows how the XYZ color 39.5046, 41.9129, 34.8620 looks on a white background.

Color Contrast Check

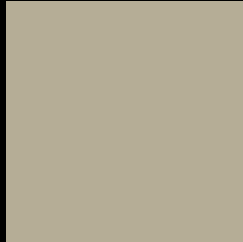
Large Text (above 18pt) WCAG AA × Fail

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 39.5046, 41.9129, 34.8620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

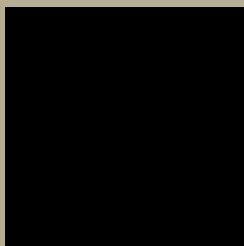
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

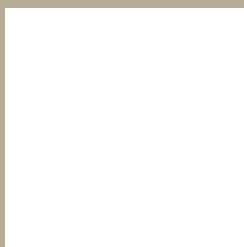
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5046, 41.9129, 34.8620

Background



This preview shows how black text looks on a background with the XYZ color 39.5046, 41.9129, 34.8620.



This preview shows how white text looks on a background with the XYZ color 39.5046, 41.9129,

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

39.5046, 41.9129, 34.8620

Protanopia

39.7400, 42.0342, 34.8731

Deuteranopia

42.6933, 41.8776, 35.1112



Tritanopia

42.4537, 41.6970, 50.0667

Trichromacy



Original Color

39.5046, 41.9129, 34.8620

Protanomaly

39.7400, 42.0342, 34.8731

Deuteranomaly

41.5121, 41.8168, 35.1617

Tritanomaly

41.3976, 41.8421, 43.9247

Monochromacy



Original Color

39.5046, 41.9129, 34.8620

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.6396, 41.8339, 41.5828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5046, 41.9129, 34.8620 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, 173, 150)` looks like.

```
.text, #text, p{  
    color:rgb(181, 173, 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(181, 173, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 173, 150) }
```

Border

The CSS property to change the border of an element to XYZ 39.5046, 41.9129, 34.8620 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, 173, 150) }
```


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

```
.border{ border-color:rgb(181, 173, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 173, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 173, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 173, 150);  
box-shadow:4px 4px 4px 4px rgb(181, 173,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5046, 41.9129, 34.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 173, 150) }
```

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

```
.background{ background-color: rgb(181,  
173, 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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