

Converting Colors

XYZ(43.7375, 51.8627, 37.8430)

Have a look what the booklet for
XYZ(43.7375, 51.8627, 37.8430)
contains.

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Color

**XYZ(43.8483, 51.9182,
37.8471)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--|
| Hex | B0C699 |
| RGB | 176, 198, 153 |
| RGB Percent | 69%, 78%, 60% |
| CMY | 0.3098, 0.2235, 0.4000 |
| CMYK | 0.11, 0.00, 0.23, 0.22 |
| HSL | 89°, 28%, 69% |
| HSV | 89°, 23%, 78% |
| XYZ | 43.8483, 51.9182, 37.8471 |
| YIQ | 186.2920, 1.3330, -18.6590 |

Conversions

Conversions Part 2

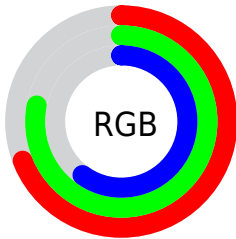
| Format | Color |
|-------------------------------------|---|
| RYB | 153, 198, 175 |
| Decimal | 11585177 |
| CIELab | 77.23, -15.52, 20.12 |
| CIELCh | 77, 25.410, 127.637 |
| Yxy | 51.9182, 0.3282, 0.3886 |
| Android (android.graphics.Color) | 4289775257 (0xFFB0C699) |
| YUV | 186.2920, -16.4130, -9.0261 |
| Hunter-Lab | 72.0543, -17.4697, 19.2954 |

Details

The XYZ color **43.8483, 51.9182, 37.8471** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.2656, 35.9751, 58.3033**, and the grayscale version is **46.9257, 49.3695, 53.7633**.

A 20% lighter version of the original color is **80.3012, 93.1808, 72.7849**, and **20.5399, 25.1168, 16.3358** is the 20% darker color. If you saturate the color by 10%, you get **40.2356, 50.2309, 29.8381**, and if you desaturate by 10%, it is **47.8913, 53.7991, 47.2950**.

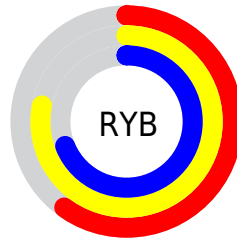
Distribution



Red (69%)

Green (78%)

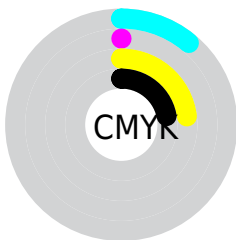
Blue (60%)



Red (60%)

Yellow (78%)

Blue (69%)

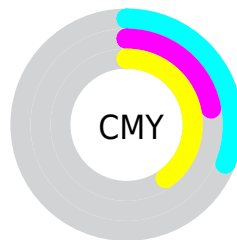


Cyan (11%)

Magenta (0%)

Yellow (23%)

Black (22%)



Cyan (31%)


Magenta (22%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8483, 51.9182, 37.8471 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 43.8483, 51.9182, 37.8471 by changing the saturation by 10% instead.


 43.8483, 51.9182,
37.8471


 43.8483, 51.9182,
37.8471


352.9515,
394.1207, 352.2421

 30.7487, 36.9399,
25.5631


 80.2372, 93.0106,
73.0745

 20.5584, 25.1609,
16.2743


 104.2571,
119.8935, 96.8551

 12.9122, 16.1970,
9.5620


132.6479,
151.5133, 125.3049

 7.4447, 9.6637,
5.0077

165.7749,
188.2545, 158.8426

 3.7905, 5.1765,
2.1930

204.0034,
230.5014, 197.8866

 1.5843, 2.3512,
0.6703

247.6987,

 0.3822, 0.8006,

278.6385, 242.8555

0.0000

297.2263,
333.0501, 294.1678

■ 0.0000, 0.0000,
0.0000

■ 43.8483, 51.9182,
37.8471

■ 43.8483, 51.9182,
37.8471

■ 40.2356, 50.2309,
29.8381

■ 47.8913, 53.7991,
47.2950

■ 37.0324, 48.7233,
23.1940

■ 52.3762, 55.8735,
58.2441

■ 34.2224, 47.3903,
17.8394

■ 57.3190, 58.1497,
70.7572

■ 31.7860, 46.2237,
13.6900

■ 62.7336, 60.6338,
84.8927

■ 29.7020, 45.2144,
10.6517

■ 68.6335, 63.3314,
100.7056

■ 27.9460, 44.3523,
8.6164

■ 72.2062, 65.1179,
103.3711

■ 26.4895, 43.6257,
7.4542

■ 75.4739, 66.8025,
103.5240

■ 25.5833, 43.1680,
6.9839

■ 78.9180, 68.5780,
103.6852

■ 79.4852, 68.8703,
103.7117

Harmonies

Analogous

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



48.1131, 51.9182, 33.9048



43.8483, 51.9182, 37.8471



41.1862, 51.9182, 46.9313

Triad

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



43.8483, 51.9182, 37.8471



45.8702, 51.9182, 85.1237



59.2181, 51.9182, 53.0416

Complementary

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



43.8483, 51.9182, 37.8471



39.2656, 35.9751, 58.3033

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.



58.5196, 51.9182, 67.3558



43.8483, 51.9182, 37.8471



50.6012, 51.9182, 87.4815

Square

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



43.8483, 51.9182, 37.8471



42.2989, 51.9182, 74.5323



55.2865, 51.9182, 80.5282



57.1369, 51.9182, 41.6886

Rectangle

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



43.8483, 51.9182, 37.8471



40.5723, 51.9182, 55.4320



55.2865, 51.9182, 80.5282



59.3029, 51.9182, 57.6426

Sweetspot

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



43.8497, 51.9205, 37.8482



89.1696, 97.2853, 94.3139



44.3218, 44.8703, 36.4625



18.9815, 20.7747, 19.9317



0.0000, 0.0000, 0.0000



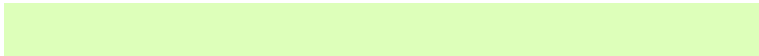
20.3446, 21.4041, 23.3091

Same Dimension

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



43.8497, 51.9205, 37.8482



74.5600, 90.4964, 60.0759



39.2243, 49.5360, 37.6318



11.0056, 12.1498, 11.3279



16.7357, 28.1229, 4.5462



0.8759, 1.3746, 0.2192

Inverse Universe

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



39.2656, 35.9751, 58.3033



65.0996, 57.5877, 102.2922



44.6778, 38.7652, 58.5566



10.5421, 10.5377, 13.3958



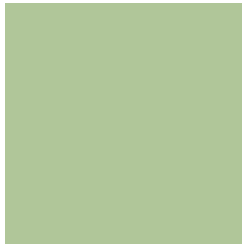
9.9199, 4.3482, 35.0608



0.5533, 0.2490, 1.6640

Previews

White Background



This preview shows how the XYZ color 43.8483, 51.9182, 37.8471 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 43.8483, 51.9182, 37.8471 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 43.8483, 51.9182, 37.8471

Background



This preview shows how black text looks on a background with the XYZ color 43.8483, 51.9182, 37.8471.



This preview shows how white text looks on a background with the XYZ color 43.8483, 51.9182,

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

43.8483, 51.9182, 37.8471

Protanopia

48.4669, 51.6933, 35.8571

Deuteranopia

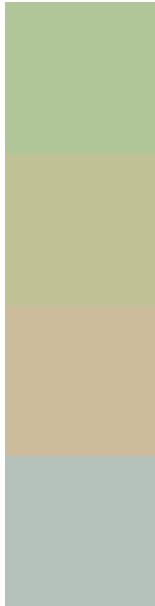
52.7530, 51.6394, 38.6395



Tritanopia

49.5385, 51.9082, 65.8008

Trichromacy



Original Color

43.8483, 51.9182, 37.8471

Protanomaly

46.5673, 51.6794, 36.3749

Deuteranomaly

49.0765, 51.3121, 38.3280

Tritanomaly

47.3175, 51.9952, 54.5559

Monochromacy



Original Color

43.8483, 51.9182, 37.8471

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.3448, 49.8280, 47.2722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8483, 51.9182, 37.8471 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(176, 198, 153)` looks like.

```
.text, #text, p{  
    color:rgb(176, 198, 153)  
}
```

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(176, 198, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 198, 153) }
```

Border

The CSS property to change the border of an element to XYZ 43.8483, 51.9182, 37.8471 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(176, 198, 153) }
```


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

```
.border{ border-color:rgb(176, 198, 153) }
```

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

Here you see how a box with a 4 pixel rgb(176, 198, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 198, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 198, 153);  
box-shadow:4px 4px 4px 4px rgb(176, 198,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8483, 51.9182, 37.8471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 198, 153) }
```

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

```
.background{ background-color: rgb(176,  
198, 153) }
```

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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