

Converting Colors

XYZ(48.0802, 53.8602, 48.9371)

Have a look what the booklet for
XYZ(48.0802, 53.8602, 48.9371)
contains.

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Color

**XYZ(48.0381, 53.8370,
48.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C6B0
RGB	185, 198, 176
RGB Percent	73%, 78%, 69%
CMY	0.2745, 0.2235, 0.3098
CMYK	0.07, 0.00, 0.11, 0.22
HSL	95°, 16%, 73%
HSV	95°, 11%, 78%
XYZ	48.0381, 53.8370, 48.9340
YIQ	191.6050, -0.6860, -9.5980

Conversions

Conversions Part 2

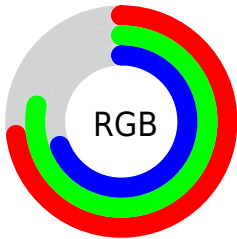
Format	Color
RYB	176, 198, 189
Decimal	12175024
CIELab	78.37, -8.48, 9.51
CIELCh	78, 12.735, 131.721
Yxy	53.8370, 0.3185, 0.3570
Android (android.graphics.Color)	4290365104 (0xFFB9C6B0)
YUV	191.6050, -7.6933, -5.7926
Hunter-Lab	73.3737, -11.5392, 11.8202

Details

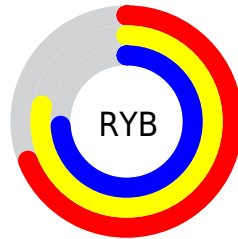
The XYZ color **48.0381, 53.8370, 48.9340** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.7068, 45.9482, 59.8360**, and the grayscale version is **49.9176, 52.5172, 57.1912**.

A 20% lighter version of the original color is **86.6011, 96.0470, 90.3185**, and **23.0641, 26.2821, 22.5962** is the 20% darker color. If you saturate the color by 10%, you get **43.5127, 51.7157, 39.2306**, and if you desaturate by 10%, it is **53.0846, 56.1970, 60.1557**.

Distribution



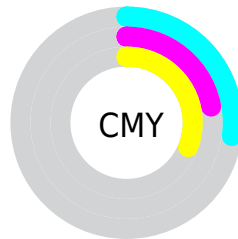
- Red (73%)
- Green (78%)
- Blue (69%)



- Red (69%)
- Yellow (78%)
- Blue (74%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)



- Cyan (27%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.0381, 53.8370, 48.9340 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 48.0381, 53.8370, 48.9340 by changing the saturation by 10% instead.

■ 48.0381, 53.8370,
48.9340

■ 48.0381, 53.8370,
48.9340

369.5232,
401.4881, 399.0974

■ 34.0684, 38.4714,
34.2019

■ 86.4705, 95.8349,
89.9734

■ 23.1093, 26.3487,
22.7701

111.6639,
123.2359, 117.1178

■ 14.7954, 17.0847,
14.2202

141.3293,
155.4175, 149.2366

■ 8.7613, 10.2949,
8.1335

175.8320,
192.7641, 186.7485

■ 4.6417, 5.5949,
4.0915

215.5374,
235.6601, 230.0720

■ 2.0712, 2.6004,
1.6757

260.8108,

■ 0.6735, 0.9269,

284.4898, 279.6257

0.3440

312.0176,
339.6377, 335.8279

■ 0.0000, 0.0000,
0.0000

■ 48.0381, 53.8370,
48.9340

■ 48.0381, 53.8370,
48.9340

■ 43.5127, 51.7157,
39.2306

■ 53.0846, 56.1970,
60.1557

■ 39.4862, 49.8185,
30.9769

■ 58.6649, 58.7963,
72.9535

■ 35.9409, 48.1393,
24.1042

■ 64.7964, 61.6441,
87.3862

■ 32.8567, 46.6694,
18.5367

■ 71.4618, 64.7341,
103.3362

■ 30.2115, 45.3991,
14.1916

■ 75.3838, 66.7559,
103.5198

■ 27.9812, 44.3182,
10.9765

■ 79.4851, 68.8703,
103.7117

■ 26.1389, 43.4151,
8.7855

■ 24.6535, 42.6764,
7.4932

■ 23.5872, 42.1389,
6.8905

Harmonies

Analogous

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



50.2003, 53.8370, 46.1483



48.0381, 53.8370, 48.9340



46.7411, 53.8370, 54.4072

Triad

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



48.0381, 53.8370, 48.9340



49.6778, 53.8370, 72.6848



56.0222, 53.8370, 55.8674

Complementary

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



48.0381, 53.8370, 48.9340



46.7068, 45.9482, 59.8360

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.



55.8712, 53.8370, 63.0434



48.0381, 53.8370, 48.9340



52.1530, 53.8370, 73.1563

Square

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



48.0381, 53.8370, 48.9340



47.6663, 53.8370, 68.2651



54.4361, 53.8370, 69.5051



54.8423, 53.8370, 49.9279

Rectangle

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



48.0381, 53.8370, 48.9340



46.5152, 53.8370, 59.0336



54.4361, 53.8370, 69.5051



56.1264, 53.8370, 58.2070

Sweetspot

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



48.0396, 53.8393, 48.9352



92.1988, 98.6696, 102.4649



49.2890, 51.4660, 48.4112



19.5744, 21.0447, 21.5729



0.0000, 0.0000, 0.0000



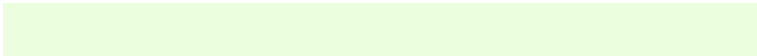
20.3446, 21.4041, 23.3091

Same Dimension

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



48.0396, 53.8393, 48.9352



83.3207, 94.5177, 82.8541



46.1193, 52.8283, 49.7989



10.9014, 12.0961, 11.3230



15.4304, 27.4499, 4.4851



0.8124, 1.3419, 0.2162

Inverse Universe

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



46.7068, 45.9482, 59.8360



80.5580, 78.1615, 105.4485



48.7988, 47.0510, 58.8364



10.6474, 10.5920, 13.4008



11.5002, 5.1628, 35.1348



0.6252, 0.2861, 1.6674

Previews

White Background



This preview shows how the XYZ color 48.0381, 53.8370, 48.9340 looks on a white background.

Color Contrast Check

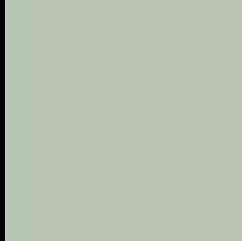
Large Text (above 18pt) WCAG AA × Fail

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 48.0381, 53.8370, 48.9340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

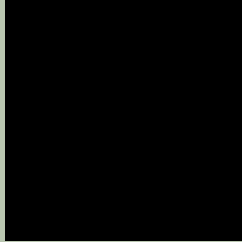
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

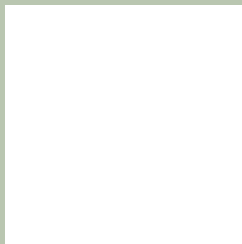
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.0381, 53.8370, 48.9340

Background



This preview shows how black text looks on a background with the XYZ color 48.0381, 53.8370, 48.9340.



This preview shows how white text looks on a background with the XYZ color 48.0381, 53.8370, 48.9340.

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

48.0381, 53.8370, 48.9340

Protanopia

50.9699, 53.7136, 47.2165

Deuteranopia

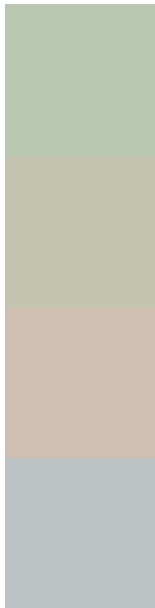
54.7196, 53.6604, 49.5929



Tritanopia

51.8138, 53.6905, 67.9540

Trichromacy



Original Color

48.0381, 53.8370, 48.9340

Protanomaly

49.9200, 53.8220, 47.8020

Deuteranomaly

52.0202, 53.5577, 49.1909

Tritanomaly

50.3322, 53.7528, 60.5459

Monochromacy



Original Color

48.0381, 53.8370, 48.9340

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.1410, 52.9476, 54.0843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0381, 53.8370, 48.9340 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(185, 198, 176)` looks like.

```
.text, #text, p{  
    color:rgb(185, 198, 176)  
}
```

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(185, 198, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 198, 176) }
```

Border

The CSS property to change the border of an element to XYZ 48.0381, 53.8370, 48.9340 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(185, 198, 176) }
```


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

```
.border{ border-color:rgb(185, 198, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 198, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 198, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 198, 176);  
box-shadow:4px 4px 4px 4px rgb(185, 198,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0381, 53.8370, 48.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 198, 176) }
```

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

```
.background{ background-color: rgb(185,  
198, 176) }
```

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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