

Converting Colors

XYZ(51.1383, 60.0374, 49.9674)

Have a look what the booklet for
XYZ(51.1383, 60.0374, 49.9674)
contains.

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Color

**XYZ(51.1383, 60.0374,
49.9674)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D3B0
RGB	185, 211, 176
RGB Percent	73%, 83%, 69%
CMY	0.2745, 0.1725, 0.3098
CMYK	0.12, 0.00, 0.17, 0.17
HSL	105°, 28%, 76%
HSV	105°, 17%, 83%
XYZ	51.1383, 60.0374, 49.9674
YIQ	199.2360, -4.2610, -16.3970

Conversions

Conversions Part 2

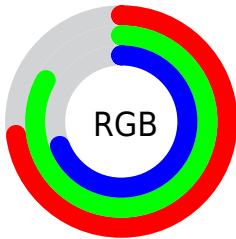
Format	Color
RYB	176, 211, 202
Decimal	12178352
CIELab	81.86, -15.14, 14.45
CIELCh	82, 20.930, 136.320
Yxy	60.0374, 0.3173, 0.3726
Android (android.graphics.Color)	4290368432 (0xFFB9D3B0)
YUV	199.2360, -11.4553, -12.4850
Hunter-Lab	77.4838, -17.7890, 16.0040

Details

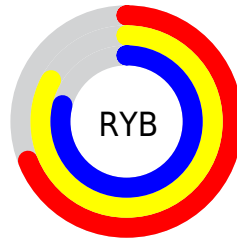
The XYZ color **51.1383, 60.0374, 49.9674** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.6428, 48.3121, 68.2345**, and the grayscale version is **54.5017, 57.3401, 62.4433**.

A 20% lighter version of the original color is **86.6011, 96.0470, 90.3185**, and **24.9793, 30.1125, 23.2346** is the 20% darker color. If you saturate the color by 10%, you get **45.6356, 57.4252, 39.6458**, and if you desaturate by 10%, it is **57.3857, 62.9995, 62.0203**.

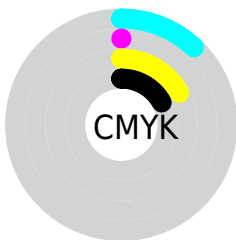
Distribution



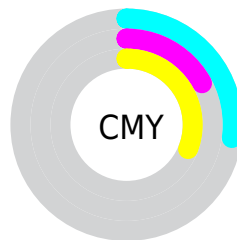
- Red (73%)
- Green (83%)
- Blue (69%)



- Red (69%)
- Yellow (83%)
- Blue (79%)



- Cyan (12%)
- Magenta (0%)
- Yellow (17%)
- Black (17%)



- Cyan (27%)
- Magenta (17%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1383, 60.0374, 49.9674 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 51.1383, 60.0374, 49.9674 by changing the saturation by 10% instead.

■ 51.1383, 60.0374,
49.9674

■ 51.1383, 60.0374,
49.9674

381.4797,
424.7356, 403.2699

■ 36.5402, 43.4488,
35.0165

■ 91.0409, 104.8839,
91.5224

■ 25.0237, 30.2374,
23.3919

117.0762,
133.9106, 118.9635

■ 16.2235, 20.0188,
14.6752

147.6545,
167.8521, 151.4052

■ 9.7743, 12.4087,
8.4476

183.1412,
207.0928, 189.2659

■ 5.3107, 7.0227,
4.2908

223.9018,
252.0171, 232.9642

■ 2.4673, 3.4763,
1.7862

270.3015,

■ 0.8788, 1.3852,

303.0094, 282.9186

0.4188

322.7056,
360.4541, 339.5476

■ 0.0000, 0.2057,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.1383, 60.0374,
49.9674

■ 51.1383, 60.0374,
49.9674

■ 45.6356, 57.4252,
39.6458

■ 57.3857, 62.9995,
62.0203

■ 40.8445, 55.1423,
30.9723

■ 64.4000, 66.3161,
75.8749

■ 36.7362, 53.1775,
23.8625

■ 72.2080, 70.0013,
91.6022

■ 33.2782, 51.5160,
18.2234

■ 79.9518, 73.7132,
104.6219

■ 30.4349, 50.1419,
13.9516

■ 82.5855, 75.0709,
104.7452

■ 28.1675, 49.0375,
10.9307

■ 26.4316, 48.1830,
9.0246

■ 25.1741, 47.5548,
8.0589

■ 24.8302, 47.3821,
7.8370

Harmonies

Analogous

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



54.7099, 60.0374, 44.6924



51.1383, 60.0374, 49.9674



49.2018, 60.0374, 59.7841

Triad

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



51.1383, 60.0374, 49.9674



55.0783, 60.0374, 91.9715



65.6104, 60.0374, 58.7700

Complementary

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



51.1383, 60.0374, 49.9674



51.6428, 48.3121, 68.2345

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.



65.7216, 60.0374, 71.2945



51.1383, 60.0374, 49.9674



59.4841, 60.0374, 91.6078

Square

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



51.1383, 60.0374, 49.9674



51.3959, 60.0374, 84.5900



63.4301, 60.0374, 83.6525



63.1337, 60.0374, 49.3079

Rectangle

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



51.1383, 60.0374, 49.9674



49.0304, 60.0374, 68.0852



63.4301, 60.0374, 83.6525



65.9299, 60.0374, 62.7290

Sweetspot

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



51.1399, 60.0400, 49.9687



89.6653, 97.4534, 98.2859



55.7453, 59.0709, 49.5389



19.0353, 20.7849, 20.7302



0.0000, 0.0000, 0.0000



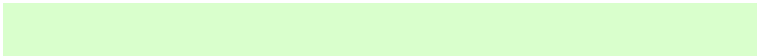
20.3446, 21.4041, 23.3091

Same Dimension

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



51.1399, 60.0400, 49.9687



75.3076, 90.6485, 70.6545



49.8698, 59.2890, 54.2559



11.9372, 13.3511, 12.5599



15.0657, 28.6356, 4.7332



0.9174, 1.6398, 0.2682

Inverse Universe

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



51.6428, 48.3121, 68.2345



76.2224, 69.2632, 103.9595



53.1511, 49.2050, 63.0945



12.0018, 11.8497, 14.8983



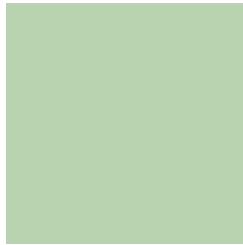
15.5578, 7.2006, 37.7624



0.9413, 0.4394, 2.1148

Previews

White Background



This preview shows how the XYZ color 51.1383, 60.0374, 49.9674 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 51.1383, 60.0374, 49.9674 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

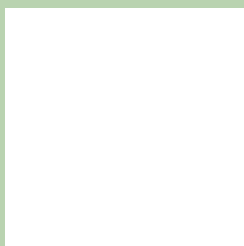
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.1383, 60.0374, 49.9674

Background



This preview shows how black text looks on a background with the XYZ color 51.1383, 60.0374, 49.9674.



This preview shows how white text looks on a background with the XYZ color 51.1383, 60.0374,

49.9674.

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

51.1383, 60.0374, 49.9674

Protanopia

56.5339, 59.9866, 47.6286

Deuteranopia

60.8316, 59.7235, 50.9694



Tritanopia

56.6207, 60.0896, 77.0208

Trichromacy



Original Color

51.1383, 60.0374, 49.9674

Protanomaly

54.2427, 59.8563, 48.2297

Deuteranomaly

56.6541, 59.2838, 50.5764

Tritanomaly

54.3185, 59.8522, 66.4474

Monochromacy



Original Color

51.1383, 60.0374, 49.9674

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.0080, 57.9428, 57.6805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1383, 60.0374, 49.9674 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, 211, 176)` looks like.

```
.text, #text, p{  
    color:rgb(185, 211, 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, 211, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 211, 176) }
```

Border

The CSS property to change the border of an element to XYZ 51.1383, 60.0374, 49.9674 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, 211, 176) }
```


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

```
.border{ border-color:rgb(185, 211, 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, 211, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 211, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 211, 176);  
box-shadow:4px 4px 4px 4px rgb(185, 211,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1383, 60.0374, 49.9674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 211, 176) }
```

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

```
.background{ background-color: rgb(185,  
211, 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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