

Converting Colors

XYZ(46.5903, 51.5062, 47.4576)

Have a look what the booklet for
XYZ(46.5903, 51.5062, 47.4576)
contains.

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Color

**XYZ(46.4771, 51.3863,
47.5133)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C1AE
RGB	184, 193, 174
RGB Percent	72%, 76%, 68%
CMY	0.2784, 0.2431, 0.3176
CMYK	0.05, 0.00, 0.10, 0.24
HSL	88°, 13%, 72%
HSV	88°, 10%, 76%
XYZ	46.4771, 51.3863, 47.5133
YIQ	188.1430, 0.7350, -7.8170

Conversions

Conversions Part 2

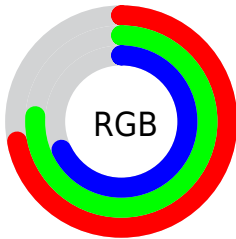
Format	Color
RYB	174, 193, 183
Decimal	12108206
CIELab	76.91, -6.57, 8.50
CIELCh	77, 10.738, 127.712
Yxy	51.3863, 0.3197, 0.3535
Android (android.graphics.Color)	4290298286 (0xFFB8C1AE)
YUV	188.1430, -6.9725, -3.6334
Hunter-Lab	71.6842, -9.7154, 10.8807

Details

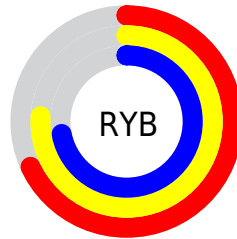
The XYZ color **46.4771, 51.3863, 47.5133** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.2922, 44.1910, 56.6501**, and the grayscale version is **47.9205, 50.4161, 54.9031**.

A 20% lighter version of the original color is **83.9537, 91.9338, 87.4489**, and **22.2510, 24.9866, 22.0625** is the 20% darker color. If you saturate the color by 10%, you get **42.6093, 49.5959, 38.2060**, and if you desaturate by 10%, it is **50.7598, 53.3624, 58.2535**.

Distribution



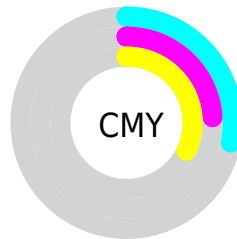
- Red (72%)
- Green (76%)
- Blue (68%)



- Red (68%)
- Yellow (76%)
- Blue (72%)



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)



- Cyan (28%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.4771, 51.3863, 47.5133 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 46.4771, 51.3863, 47.5133 by changing the saturation by 10% instead.


 46.4771, 51.3863,
47.5133

 46.4771, 51.3863,
47.5133


363.4073,
392.0628, 393.3126

 32.8287, 36.5161,
33.0844


 84.1561, 92.2255,
87.8373

 22.1538, 24.8331,
21.9194


108.9173,
118.9634, 114.5695

 14.0872, 15.9527,
13.6000


138.1136,
150.4259, 146.2398

 8.2635, 9.4907,
7.7074

172.1102,
186.9976, 183.2668

 4.3172, 5.0626,
3.8232

211.2725,
229.0627, 226.0690

 1.8831, 2.2840,
1.5289

255.9659,

 0.5670, 0.7652,

277.0056, 275.0651

0.2393

306.5557,
331.2109, 330.6734

■ 0.0000, 0.0000,
0.0000

■ 46.4771, 51.3863,
47.5133

■ 46.4771, 51.3863,
47.5133

■ 42.6093, 49.5959,
38.2060

■ 50.7598, 53.3624,
58.2535

■ 39.1379, 47.9785,
30.2678

■ 55.4665, 55.5230,
70.4801

■ 36.0495, 46.5299,
23.6347

■ 60.6114, 57.8759,
84.2482

■ 33.3279, 45.2435,
18.2366

■ 66.2065, 60.4261,
99.6088

■ 30.9555, 44.1119,
13.9968

■ 69.6656, 62.1394,
102.9301

■ 28.9133, 43.1271,
10.8300

■ 72.6733, 63.6899,
103.0708

■ 27.1797, 42.2801,
8.6390

■ 75.8371, 65.3209,
103.2189

■ 25.7296, 41.5605,
7.3091

■ 78.3610, 66.6220,
103.3370

■ 24.5181, 40.9499,
6.6204

Harmonies

Analogous

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



48.3158, 51.3863, 45.5251



46.4771, 51.3863, 47.5133



45.2953, 51.3863, 51.7911

Triad

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



46.4771, 51.3863, 47.5133



47.3662, 51.3863, 67.0213



52.8388, 51.3863, 54.4546

Complementary

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



46.4771, 51.3863, 47.5133



44.2922, 44.1910, 56.6501

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.



52.5674, 51.3863, 60.3278



46.4771, 51.3863, 47.5133



49.3703, 51.3863, 67.8582

Square

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



46.4771, 51.3863, 47.5133



45.7985, 51.3863, 63.1197



51.2840, 51.3863, 65.3327



52.0156, 51.3863, 49.3466

Rectangle

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



46.4771, 51.3863, 47.5133



45.0197, 51.3863, 55.5029



51.2840, 51.3863, 65.3327



52.8730, 51.3863, 56.4014

Sweetspot

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



46.4785, 51.3885, 47.5144



88.3704, 94.3999, 97.8855



46.5402, 48.2073, 46.8971



18.8232, 20.1897, 20.6589



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



46.4785, 51.3885, 47.5144



81.5509, 91.2518, 80.9642



44.3085, 50.2698, 47.4129



10.4389, 11.5137, 10.7341



16.3879, 27.2771, 4.4013



0.7872, 1.2194, 0.1939

Inverse Universe

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



44.2922, 44.1910, 56.6501



76.7810, 75.5489, 100.8959



46.5949, 45.3781, 56.7579



9.9720, 9.9767, 12.6849



9.3919, 4.1022, 33.8534



0.4853, 0.2182, 1.4664

Previews

White Background



This preview shows how the XYZ color 46.4771, 51.3863, 47.5133 looks on a white background.

Color Contrast Check

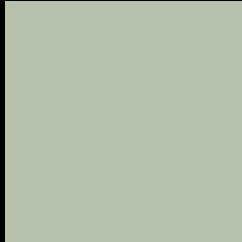
Large Text (above 18pt) WCAG AA × Fail

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 46.4771, 51.3863, 47.5133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

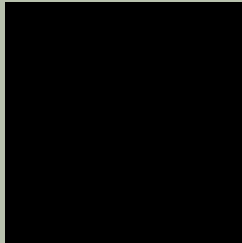
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

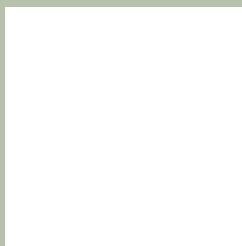
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.4771, 51.3863, 47.5133

Background



This preview shows how black text looks on a background with the XYZ color 46.4771, 51.3863, 47.5133.



This preview shows how white text looks on a background with the XYZ color 46.4771, 51.3863,

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

46.4771, 51.3863, 47.5133

Protanopia

48.6699, 51.2441, 46.3556

Deuteranopia

52.2105, 51.1477, 48.1950



Tritanopia

49.8357, 51.4462, 64.4302

Trichromacy



Original Color

46.4771, 51.3863, 47.5133

Protanomaly

47.6945, 51.0505, 46.8751

Deuteranomaly

49.8653, 51.1923, 47.8104

Tritanomaly

48.5326, 51.2420, 57.7848

Monochromacy



Original Color

46.4771, 51.3863, 47.5133

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.4542, 50.8106, 52.1061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4771, 51.3863, 47.5133 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(184, 193, 174)` looks like.

```
.text, #text, p{  
    color:rgb(184, 193, 174)  
}
```

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(184, 193, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 193, 174) }
```

Border

The CSS property to change the border of an element to XYZ 46.4771, 51.3863, 47.5133 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(184, 193, 174) }
```


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

```
.border{ border-color:rgb(184, 193, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 193, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 193, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 193, 174);  
box-shadow:4px 4px 4px 4px rgb(184, 193,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4771, 51.3863, 47.5133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 193, 174) }
```

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

```
.background{ background-color: rgb(184,  
193, 174) }
```

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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