

Converting Colors

XYZ(48.6808, 51.1933, 46.7769)

Have a look what the booklet for
XYZ(48.6808, 51.1933, 46.7769)
contains.

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Color

**XYZ(48.7664, 51.2826,
46.8634)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BDAD
RGB	197, 189, 173
RGB Percent	77%, 74%, 68%
CMY	0.2274, 0.2588, 0.3216
CMYK	0.00, 0.04, 0.12, 0.23
HSL	40°, 17%, 73%
HSV	40°, 12%, 77%
XYZ	48.7664, 51.2826, 46.8634
YIQ	189.5680, 9.9040, -3.2800

Conversions

Conversions Part 2

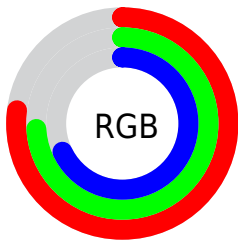
Format	Color
RYB	185, 197, 173
Decimal	12959149
CIELab	76.85, 0.07, 9.08
CIELCh	77, 9.082, 89.589
Yxy	51.2826, 0.3319, 0.3491
Android (android.graphics.Color)	4291149229 (0xFFC5BDAD)
YUV	189.5680, -8.1680, 6.5179
Hunter-Lab	71.6119, -3.7655, 11.3284

Details

The XYZ color **48.7664, 51.2826, 46.8634** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.8355, 45.9625, 59.3852**, and the grayscale version is **48.7378, 51.2759, 55.8395**.

A 20% lighter version of the original color is **87.5290, 91.9771, 86.5389**, and **23.5830, 24.8284, 21.6386** is the 20% darker color. If you saturate the color by 10%, you get **45.6193, 47.8171, 37.0929**, and if you desaturate by 10%, it is **52.2613, 54.9929, 58.1379**.

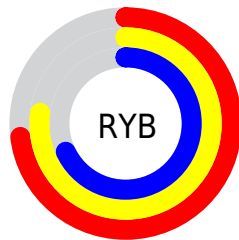
Distribution



Red (77%)

Green (74%)

Blue (68%)



Red (73%)

Yellow (77%)

Blue (68%)

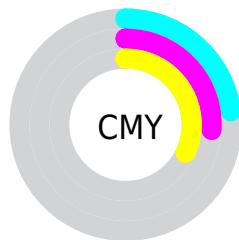


Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7664, 51.2826, 46.8634 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 48.7664, 51.2826, 46.8634 by changing the saturation by 10% instead.

■ 48.7664, 51.2826,
46.8634

■ 48.7664, 51.2826,
46.8634

372.3542,
391.6608, 390.6470

■ 34.6480, 36.4336,
32.5741

■ 87.5472, 92.0724,
86.8575

■ 23.5571, 24.7692,
21.5319

112.9403,
118.7819, 113.3995

■ 15.1283, 15.9052,
13.3184

142.8224,
150.2137, 144.8627

■ 8.9964, 9.4571,
7.5148

177.5587,
186.7522, 181.6657

■ 4.7959, 5.0405,
3.7028

217.5147,
228.7817, 224.2271

■ 2.1616, 2.2711,
1.4638

263.0557,

■ 0.7224, 0.7583,

276.6867, 272.9654

0.1907

314.5471,
330.8516, 328.2992

■ 0.0000, 0.0000,
0.0000

■ 48.7664, 51.2826,
46.8634

■ 48.7664, 51.2826,
46.8634

■ 45.6193, 47.8171,
37.0929

■ 52.2613, 54.9929,
58.1379

■ 42.8028, 44.5831,
28.7581

■ 56.1122, 58.9474,
70.9738

■ 40.3042, 41.5758,
21.7908

■ 60.3321, 63.1543,
85.4299

■ 38.1084, 38.7878,
16.1153

■ 64.9322, 67.6195,
101.5604

■ 36.1989, 36.2110,
11.6489

■ 67.1507, 71.2393,
104.8191

■ 34.5572, 33.8366,
8.2992

■ 68.9263, 74.7906,
105.4110

■ 33.1623, 31.6548,
5.9601

■ 70.7706, 78.4791,
106.0257

■ 31.9893, 29.6540,
4.5048

■ 72.6842, 82.3063,
106.6636

■ 31.1914, 28.2008,
3.7993

■ 74.6678, 86.2737,
107.3248

Harmonies

Analogous

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



50.4418, 51.2826, 48.0363



48.7664, 51.2826, 46.8634



47.1223, 51.2826, 47.9746

Triad

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



48.7664, 51.2826, 46.8634



45.9134, 51.2826, 60.6634



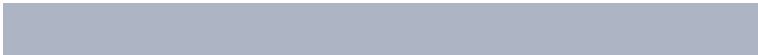
51.6608, 51.2826, 60.7884

Complementary

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



48.7664, 51.2826, 46.8634



43.8355, 45.9625, 59.3852

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.



50.3996, 51.2826, 64.5170



48.7664, 51.2826, 46.8634



47.0820, 51.2826, 64.4419

Square

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



48.7664, 51.2826, 46.8634



45.4989, 51.2826, 55.7698



48.7188, 51.2826, 65.8910



52.1368, 51.2826, 55.9063

Rectangle

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



48.7664, 51.2826, 46.8634



46.2593, 51.2826, 49.9008



48.7188, 51.2826, 65.8910



51.3132, 51.2826, 62.2285

Sweetspot

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



48.7678, 51.2849, 46.8645



92.3763, 97.2111, 100.1211



46.3107, 45.0944, 49.9800



19.6672, 20.6967, 21.0877



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.



48.7678, 51.2849, 46.8645



85.5602, 89.9133, 78.3208



49.5020, 54.2878, 47.4054



11.2147, 11.7985, 11.2490



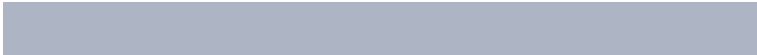
20.5952, 18.7075, 2.5254



1.0398, 1.0150, 0.1411

Inverse Universe

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



43.8355, 45.9625, 59.3852



74.7473, 78.2460, 105.7711



43.1538, 43.2662, 58.9007



10.3406, 10.8553, 13.4678



7.9655, 5.3250, 35.3524



0.4441, 0.3859, 1.6962

Previews

White Background



This preview shows how the XYZ color 48.7664, 51.2826, 46.8634 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 48.7664, 51.2826, 46.8634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

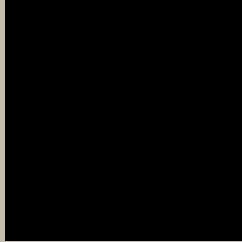
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.7664, 51.2826, 46.8634

Background



This preview shows how black text looks on a background with the XYZ color 48.7664, 51.2826, 46.8634.



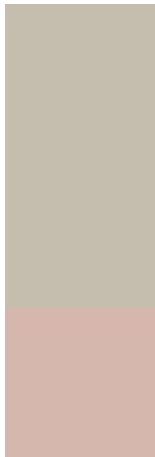
This preview shows how white text looks on a background with the XYZ color 48.7664, 51.2826,

46.8634.

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

48.7664, 51.2826, 46.8634

Protanopia

48.7664, 51.2826, 46.8634

Deuteranopia

52.3050, 51.2191, 47.1739



Tritanopia

51.8617, 51.2856, 61.8093

Trichromacy



Original Color

48.7664, 51.2826, 46.8634

Protanomaly

48.7664, 51.2826, 46.8634

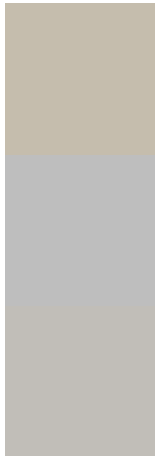
Deuteranomaly

51.0014, 51.1638, 47.2319

Tritanomaly

50.6726, 51.1149, 55.9106

Monochromacy



Original Color

48.7664, 51.2826, 46.8634

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.0575, 51.6251, 52.7264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7664, 51.2826, 46.8634 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(197, 189, 173)` looks like.

```
.text, #text, p{  
    color:rgb(197, 189, 173)  
}
```

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(197, 189, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 189, 173) }
```

Border

The CSS property to change the border of an element to XYZ 48.7664, 51.2826, 46.8634 is called "border". The border property can be set on classes, ids or directly on the HTML element.

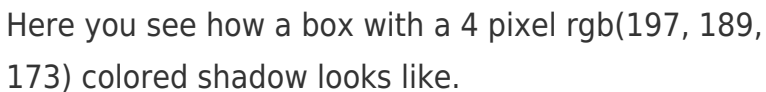
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 189, 173) }
```


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

```
.border{ border-color:rgb(197, 189, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 189, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 189, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 189, 173);  
box-shadow:4px 4px 4px 4px rgb(197, 189,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7664, 51.2826, 46.8634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 189, 173) }
```

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

```
.background{ background-color: rgb(197,  
189, 173) }
```

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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