

Converting Colors

XYZ(46.7808, 48.5102, 45.2565)

Have a look what the booklet for
XYZ(46.7808, 48.5102, 45.2565)
contains.

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Color

**XYZ(46.7898, 48.4093,
45.4059)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B7AB
RGB	195, 183, 171
RGB Percent	76%, 72%, 67%
CMY	0.2353, 0.2823, 0.3294
CMYK	0.00, 0.06, 0.12, 0.24
HSL	30°, 17%, 72%
HSV	30°, 12%, 76%
XYZ	46.7898, 48.4093, 45.4059
YIQ	185.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

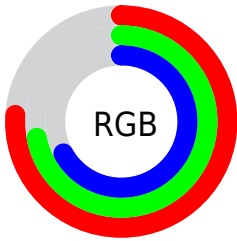
Format	Color
RYB	195, 195, 171
Decimal	12826539
CIELab	75.08, 2.20, 7.62
CIELCh	75, 7.928, 73.882
Yxy	48.4093, 0.3328, 0.3443
Android (android.graphics.Color)	4291016619 (0xFFC3B7AB)
YUV	185.2200, -7.0105, 8.5771
Hunter-Lab	69.5768, -1.7197, 10.0110

Details

The XYZ color **46.7898, 48.4093, 45.4059** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.5782, 46.4641, 58.3018**, and the grayscale version is **46.2711, 48.6808, 53.0134**.

A 20% lighter version of the original color is **84.7389, 87.9194, 84.4554**, and **22.2969, 22.9599, 20.7093** is the 20% darker color. If you saturate the color by 10%, you get **43.1256, 43.8390, 35.6809**, and if you desaturate by 10%, it is **50.8702, 53.3721, 56.6237**.

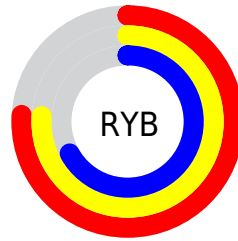
Distribution



Red (76%)

Green (72%)

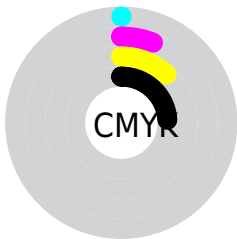
Blue (67%)



Red (76%)

Yellow (76%)

Blue (67%)

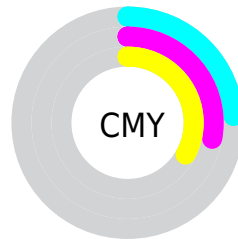


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (24%)



Cyan (24%)

Magenta (28%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.7898, 48.4093, 45.4059 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 46.7898, 48.4093, 45.4059 by changing the saturation by 10% instead.

■ 46.7898, 48.4093,
45.4059

■ 46.7898, 48.4093,
45.4059

364.6378,
380.4122, 384.6229

■ 33.0768, 34.1511,
31.4320

■ 84.6204, 87.8135,
84.6541

■ 22.3448, 23.0097,
20.6668

109.4687,
113.7283, 110.7654

■ 14.2285, 14.6007,
12.6918

138.7595,
144.2975, 141.7596

■ 8.3625, 8.5396,
7.0884

172.8581,
179.9054, 178.0553

■ 4.3815, 4.4421,
3.4382

212.1299,
220.9364, 220.0709

■ 1.9202, 1.9238,
1.3225

256.9402,

■ 0.5885, 0.5626,

267.7750, 268.2250

0.0801

307.6544,
320.8054, 322.9362

■ 0.0000, 0.0000,
0.0000

■ 46.7898, 48.4093,
45.4059

■ 46.7898, 48.4093,
45.4059

■ 43.1256, 43.8390,
35.6809

■ 50.8702, 53.3721,
56.6237

■ 39.8588, 39.6443,
27.3816

■ 55.3766, 58.7309,
69.3913

■ 36.9751, 35.8165,
20.4404

■ 60.3238, 64.4973,
83.7663

■ 34.4575, 32.3441,
14.7831

■ 65.7243, 70.6806,
99.8025

■ 32.2875, 29.2147,
10.3280

■ 69.3393, 76.3890,
105.6977

■ 30.4451, 26.4152,
6.9842

■ 72.1555, 82.0214,
106.6365

■ 28.9070, 23.9309,
4.6471

■ 75.1261, 87.9627,
107.6267

■ 27.6466, 21.7457,
3.1922

■ 76.3159, 90.3422,
108.0233

■ 26.8297, 20.2499,
2.4945

Harmonies

Analogous

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



48.0502, 48.4093, 47.3670



46.7898, 48.4093, 45.4059



45.3460, 48.4093, 45.3330

Triad

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



46.7898, 48.4093, 45.4059



43.3582, 48.4093, 54.6482



47.9710, 48.4093, 58.6756

Complementary

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



46.7898, 48.4093, 45.4059



43.5782, 46.4641, 58.3018

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.



46.6836, 48.4093, 60.8458



46.7898, 48.4093, 45.4059



44.0315, 48.4093, 58.4393

Square

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



46.7898, 48.4093, 45.4059



43.3852, 48.4093, 50.5241



45.2421, 48.4093, 60.7571



48.7419, 48.4093, 54.9570

Rectangle

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



46.7898, 48.4093, 45.4059



44.4750, 48.4093, 46.3557



45.2421, 48.4093, 60.7571



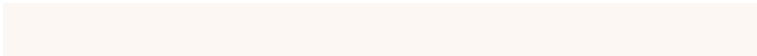
47.5832, 48.4093, 59.6189

Sweetspot

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



46.7911, 48.4114, 45.4069



89.7720, 93.9796, 97.6902



45.6164, 44.1475, 50.9174



19.5329, 20.4281, 21.0429



0.0000, 0.0000, 0.0000



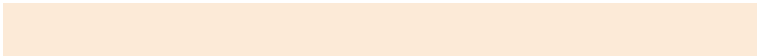
20.3446, 21.4041, 23.3091

Same Dimension

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



46.7911, 48.4114, 45.4069



81.8071, 84.2383, 75.9570



49.3719, 53.5730, 46.2672



10.4801, 10.8915, 10.6118



17.5218, 13.3294, 1.6493



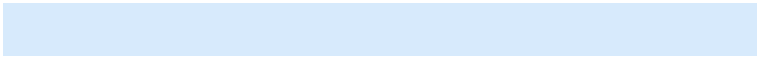
0.8260, 0.7138, 0.0942

Inverse Universe

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



43.5782, 46.4641, 58.3018



74.8276, 80.0080, 103.9690



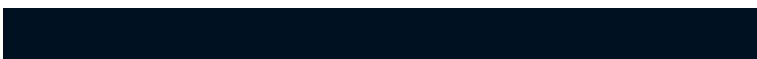
41.2084, 41.7246, 57.5119



9.9349, 10.5611, 12.7997



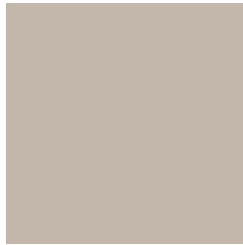
9.2929, 8.3423, 34.6770



0.4705, 0.4983, 1.5213

Previews

White Background



This preview shows how the XYZ color 46.7898, 48.4093, 45.4059 looks on a white background.

Color Contrast Check

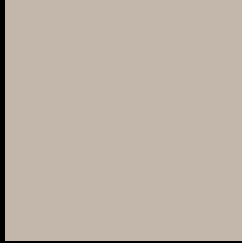
Large Text (above 18pt) WCAG AA × Fail

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 46.7898, 48.4093, 45.4059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

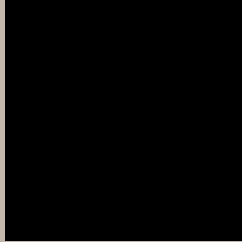
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.7898, 48.4093, 45.4059

Background



This preview shows how black text looks on a background with the XYZ color 46.7898, 48.4093, 45.4059.



This preview shows how white text looks on a background with the XYZ color 46.7898, 48.4093,

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

46.7898, 48.4093, 45.4059

Protanopia

46.0727, 48.3359, 45.9312

Deuteranopia

49.3792, 48.2292, 45.7363



Tritanopia

49.3476, 48.5433, 57.8078

Trichromacy



Original Color

46.7898, 48.4093, 45.4059

Protanomaly

46.3251, 48.4660, 45.9430

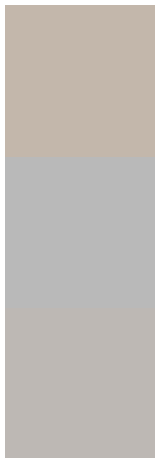
Deuteranomaly

48.3963, 48.3176, 45.8052

Tritanomaly

48.4128, 48.4632, 53.2571

Monochromacy



Original Color

46.7898, 48.4093, 45.4059

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.3650, 48.3951, 50.0775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7898, 48.4093, 45.4059 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(195, 183, 171)` looks like.

```
.text, #text, p{  
    color:rgb(195, 183, 171)  
}
```

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(195, 183, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 183, 171) }
```

Border

The CSS property to change the border of an element to XYZ 46.7898, 48.4093, 45.4059 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(195, 183, 171) }
```


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

```
.border{ border-color:rgb(195, 183, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 183, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 183, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 183, 171);  
box-shadow:4px 4px 4px 4px rgb(195, 183,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7898, 48.4093, 45.4059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 183, 171) }
```

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

```
.background{ background-color: rgb(195,  
183, 171) }
```

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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