

Converting Colors

XYZ(42.9452, 48.1493, 48.2322)

Have a look what the booklet for
XYZ(42.9452, 48.1493, 48.2322)
contains.

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Color

**XYZ(43.0473, 48.3004,
48.1284)**

Conversions

Conversions Part 1

Format	Color
Hex	ACBDB0
RGB	172, 189, 176
RGB Percent	67%, 74%, 69%
CMY	0.3255, 0.2588, 0.3098
CMYK	0.09, 0.00, 0.07, 0.26
HSL	134°, 11%, 71%
HSV	134°, 9%, 74%
XYZ	43.0473, 48.3004, 48.1284
YIQ	182.4350, -5.9590, -7.6470

Conversions

Conversions Part 2

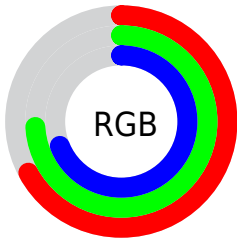
Format	Color
R _{YB}	172, 186, 189
Decimal	11320752
CIE Lab	75.01, -8.32, 4.57
CIE LCh	75, 9.496, 151.232
Yxy	48.3004, 0.3086, 0.3463
Android (android.graphics.Color)	4289510832 (0xFFACBDB0)
YUV	182.4350, -3.1725, -9.1515
Hunter-Lab	69.4985, -11.0596, 7.5900

Details

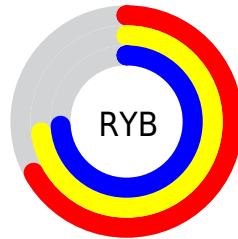
The XYZ color **43.0473, 48.3004, 48.1284** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.4974, 43.8278, 52.0155**, and the grayscale version is **44.7208, 47.0497, 51.2372**.

A 20% lighter version of the original color is **78.8964, 87.4619, 89.0675**, and **20.1880, 23.0566, 22.4551** is the 20% darker color. If you saturate the color by 10%, you get **37.8359, 45.7717, 40.8127**, and if you desaturate by 10%, it is **49.0037, 51.1983, 56.2759**.

Distribution



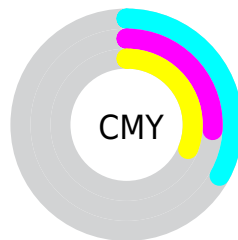
- Red (67%)
- Green (74%)
- Blue (69%)



- Red (67%)
- Yellow (73%)
- Blue (74%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (26%)



- Cyan (33%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0473, 48.3004, 48.1284 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 43.0473, 48.3004, 48.1284 by changing the saturation by 10% instead.

■ 43.0473, 48.3004,
48.1284

■ 43.0473, 48.3004,
48.1284

349.7245,
379.9816, 395.8242

■ 30.1169, 34.0648,
33.5679

■ 79.0375, 87.6515,
88.7631

■ 20.0759, 22.9434,
22.2872

102.8280,
113.5358, 115.6743

■ 12.5588, 14.5517,
13.8677

130.9693,
144.0719, 147.5395

■ 7.2003, 8.5054,
7.8910

163.8267,
179.6440, 184.7773

■ 3.6351, 4.4200,
3.9385

201.7655,
220.6367, 227.8061

■ 1.4979, 1.9112,
1.5917

245.1512,

■ 0.3244, 0.5551,

267.4342, 277.0445

0.2849

294.3491,
320.4211, 332.9110

■ 0.0000, 0.0000,
0.0000

■ 43.0473, 48.3004,
48.1284

■ 43.0473, 48.3004,
48.1284

■ 37.8359, 45.7717,
40.8127

■ 49.0037, 51.1983,
56.2759

■ 33.3358, 43.5914,
34.2994

■ 55.7290, 54.4730,
65.2771

■ 29.5171, 41.7458,
28.5622

■ 63.2507, 58.1397,
75.1569

■ 26.3456, 40.2180,
23.5720

■ 71.5942, 62.2109,
85.9382

■ 23.7846, 38.9897,
19.2978

■ 76.4237, 64.4511,
97.4392

■ 21.7934, 38.0406,
15.7067

■ 77.4885, 64.8770,
103.0462

■ 20.3259, 37.3477,
12.7629

■ 19.3290, 36.8844,
10.4273

■ 18.7138, 36.6059,
8.6556

Harmonies

Analogous

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



44.2011, 48.3004, 44.8420



43.0473, 48.3004, 48.1284



42.6550, 48.3004, 52.7965

Triad

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



43.0473, 48.3004, 48.1284



45.9798, 48.3004, 62.7257



48.8182, 48.3004, 47.7941

Complementary

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



43.0473, 48.3004, 48.1284



44.4974, 43.8278, 52.0155

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.



49.3225, 48.3004, 52.3859



43.0473, 48.3004, 48.1284



47.6585, 48.3004, 61.1848

Square

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



43.0473, 48.3004, 48.1284



44.3222, 48.3004, 61.4121



48.8929, 48.3004, 57.3211



47.5313, 48.3004, 44.6577

Rectangle

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



43.0473, 48.3004, 48.1284



42.8701, 48.3004, 56.1249



48.8929, 48.3004, 57.3211



49.0863, 48.3004, 49.2085

Sweetspot

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



43.0486, 48.3025, 48.1295



83.2766, 89.5099, 94.6918



45.6615, 49.6945, 46.2157



17.7219, 19.1581, 20.1084



90.7827, 95.5105, 104.0109



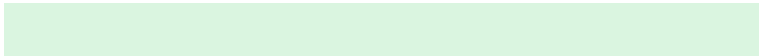
18.6292, 19.5994, 21.3438

Same Dimension

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



43.0486, 48.3025, 48.1295



74.9498, 85.4626, 83.2142



43.9131, 48.6483, 52.6818



9.4983, 10.6854, 10.6076



12.5809, 24.6227, 5.8560



0.5190, 0.9750, 0.3676

Inverse Universe

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



44.4974, 43.8278, 52.0155



78.1257, 75.6534, 91.7322



43.6296, 43.4807, 47.4456



9.8313, 9.6568, 11.5009



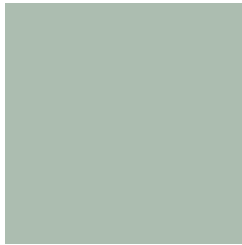
17.5655, 8.6574, 18.8035



0.7118, 0.3486, 0.8616

Previews

White Background



This preview shows how the XYZ color 43.0473, 48.3004, 48.1284 looks on a white background.

Color Contrast Check

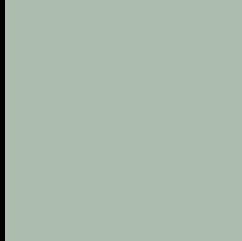
Large Text (above 18pt) WCAG AA × Fail

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 43.0473, 48.3004, 48.1284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

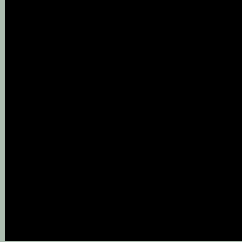
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

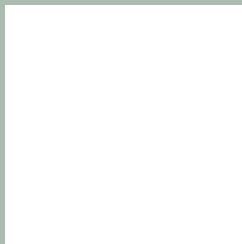
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0473, 48.3004, 48.1284

Background



This preview shows how black text looks on a background with the XYZ color 43.0473, 48.3004, 48.1284.



This preview shows how white text looks on a background with the XYZ color 43.0473, 48.3004,

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

43.0473, 48.3004, 48.1284

Protanopia

45.9185, 48.2453, 46.4273

Deuteranopia

49.1331, 48.0343, 48.8014



Tritanopia

45.6788, 48.0982, 61.5199

Trichromacy



Original Color

43.0473, 48.3004, 48.1284

Protanomaly

44.7273, 48.2411, 46.9985

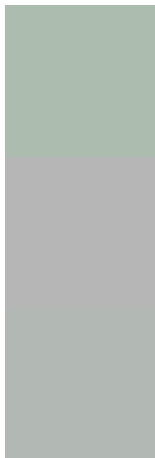
Deuteranomaly

46.6561, 47.9677, 48.3946

Tritanomaly

44.6421, 47.9934, 56.2010

Monochromacy



Original Color

43.0473, 48.3004, 48.1284

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.9473, 47.4582, 50.0241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0473, 48.3004, 48.1284 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(172, 189, 176)` looks like.

```
.text, #text, p{  
    color:rgb(172, 189, 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(172, 189, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 189, 176) }
```

Border

The CSS property to change the border of an element to XYZ 43.0473, 48.3004, 48.1284 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(172, 189, 176) }
```


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

```
.border{ border-color:rgb(172, 189, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 189, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 189, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 189, 176);  
box-shadow:4px 4px 4px 4px rgb(172, 189,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0473, 48.3004, 48.1284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 189, 176) }
```

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

```
.background{ background-color: rgb(172,  
189, 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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