

Converting Colors

XYZ(43.4770, 50.5712, 47.8143)

Have a look what the booklet for
XYZ(43.4770, 50.5712, 47.8143)
contains.

XYZ(43.4014, 50.4502, 48.0078)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.4014, 50.4502,
48.0078)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C3AF
RGB	168, 195, 175
RGB Percent	66%, 76%, 69%
CMY	0.3412, 0.2353, 0.3137
CMYK	0.14, 0.00, 0.10, 0.24
HSL	136°, 18%, 71%
HSV	136°, 14%, 76%
XYZ	43.4014, 50.4502, 48.0078
YIQ	184.6470, -9.6720, -11.9440

Conversions

Conversions Part 2

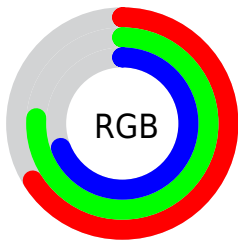
Format	Color
R _Y B	168, 189, 195
Decimal	11060143
CIE Lab	76.34, -13.01, 6.99
CIE LCh	76, 14.770, 151.745
Yxy	50.4502, 0.3059, 0.3556
Android (android.graphics.Color)	4289250223 (0xFFA8C3AF)
YUV	184.6470, -4.7560, -14.5994
Hunter-Lab	71.0283, -15.2282, 9.6459

Details

The XYZ color **43.4014, 50.4502, 48.0078** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.5872, 43.2394, 53.5226**, and the grayscale version is **45.9486, 48.3415, 52.6439**.

A 20% lighter version of the original color is **79.6656, 91.0783, 88.9824**, and **20.3025, 24.1928, 22.3385** is the 20% darker color. If you saturate the color by 10%, you get **38.2136, 47.9325, 40.7513**, and if you desaturate by 10%, it is **49.3664, 53.3539, 56.0951**.

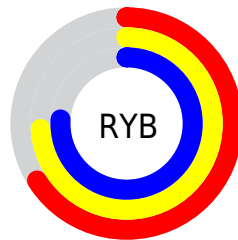
Distribution



Red (66%)

Green (76%)

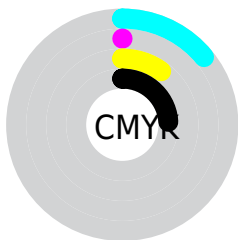
Blue (69%)



Red (66%)

Yellow (74%)

Blue (76%)

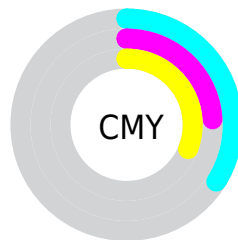


Cyan (14%)

Magenta (0%)

Yellow (10%)

Black (24%)



Cyan (34%)

Magenta (24%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4014, 50.4502, 48.0078 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 43.4014, 50.4502, 48.0078 by changing the saturation by 10% instead.

■ 43.4014, 50.4502,
48.0078

■ 43.4014, 50.4502,
48.0078

351.1535,
388.4239, 395.3326

■ 30.3961, 35.7712,
33.4730

■ 79.5682, 90.8416,
88.5817

■ 20.2890, 24.2576,
22.2150

■ 103.4603,
117.3227, 115.4579

■ 12.7148, 15.5248,
13.8151

131.7122,
148.5068, 147.2850

■ 7.3081, 9.1885,
7.8549

164.6890,
184.7781, 184.4815

■ 3.7035, 4.8644,
3.9158

202.7562,
226.5211, 227.4660

■ 1.5358, 2.1679,
1.5793

246.2791,

■ 0.3500, 0.7024,

274.1201, 276.6570

0.2760

295.6231,
327.9596, 332.4730

■ 0.0000, 0.0000,
0.0000

■ 43.4014, 50.4502,
48.0078

■ 43.4014, 50.4502,
48.0078

■ 38.2136, 47.9325,
40.7513

■ 49.3664, 53.3539,
56.0951

■ 33.7664, 45.7781,
34.2959

■ 56.1349, 56.6523,
65.0351

■ 30.0265, 43.9720,
28.6151

■ 63.7370, 60.3619,
74.8527

■ 26.9564, 42.4954,
23.6795

■ 72.2000, 64.4963,
85.5713

■ 24.5150, 41.3277,
19.4580

■ 77.5797, 67.0216,
97.0271

■ 22.6564, 40.4460,
15.9173

■ 78.8061, 67.5122,
103.4854

■ 21.3285, 39.8241,
13.0211

■ 20.4686, 39.4307,
10.7299

■ 20.1038, 39.2673,
9.6003

Harmonies

Analogous

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



45.1973, 50.4502, 42.9297



43.4014, 50.4502, 48.0078



42.8113, 50.4502, 55.3986

Triad

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



43.4014, 50.4502, 48.0078



48.1142, 50.4502, 71.6730



52.6356, 50.4502, 47.2743

Complementary

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



43.4014, 50.4502, 48.0078



45.5872, 43.2394, 53.5226

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.



53.4873, 50.4502, 54.4674



43.4014, 50.4502, 48.0078



50.8152, 50.4502, 68.9849

Square

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



43.4014, 50.4502, 48.0078



45.4686, 50.4502, 69.5283



52.8088, 50.4502, 62.4912



50.5230, 50.4502, 42.5359

Rectangle

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



43.4014, 50.4502, 48.0078



43.1622, 50.4502, 60.7924



52.8088, 50.4502, 62.4912



53.0824, 50.4502, 49.4603

Sweetspot

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



43.4028, 50.4523, 48.0089



88.1676, 95.4341, 100.1357



47.3856, 52.5830, 44.6984



19.1180, 20.8067, 21.6745



0.0000, 0.0000, 0.0000



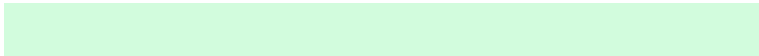
20.3446, 21.4041, 23.3091

Same Dimension

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



43.4028, 50.4523, 48.0089



74.4034, 88.7394, 81.3757



44.7693, 50.9989, 55.2046



10.0492, 11.3007, 11.2626



13.0954, 25.5322, 6.3955



0.5951, 1.1149, 0.4306

Inverse Universe

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



45.5872, 43.2394, 53.5226



79.1653, 73.0130, 93.3937



44.2232, 42.6938, 46.3397



10.3822, 10.2015, 12.1031



17.9575, 8.8727, 18.2198



0.8027, 0.3941, 0.9286

Previews

White Background



This preview shows how the XYZ color 43.4014, 50.4502, 48.0078 looks on a white background.

Color Contrast Check

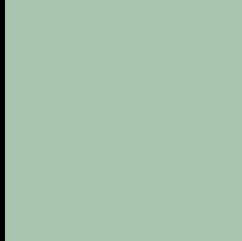
Large Text (above 18pt) WCAG AA × Fail

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 43.4014, 50.4502, 48.0078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

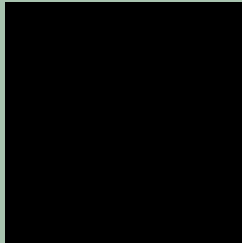
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

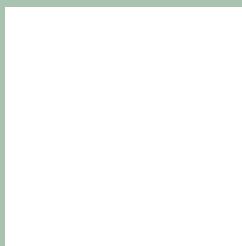
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4014, 50.4502, 48.0078

Background



This preview shows how black text looks on a background with the XYZ color 43.4014, 50.4502, 48.0078.



This preview shows how white text looks on a background with the XYZ color 43.4014, 50.4502,

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

43.4014, 50.4502, 48.0078

Protanopia

47.6267, 50.0830, 45.6849

Deuteranopia

51.3422, 50.3719, 49.1362



Tritanopia

47.0050, 50.6021, 65.6823

Trichromacy



Original Color

43.4014, 50.4502, 48.0078

Protanomaly

45.8674, 50.1198, 46.2863

Deuteranomaly

48.2118, 50.3171, 48.7661

Tritanomaly

45.4945, 50.2973, 58.9403

Monochromacy



Original Color

43.4014, 50.4502, 48.0078

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.1285, 49.3151, 50.8563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4014, 50.4502, 48.0078 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(168, 195, 175)` looks like.

```
.text, #text, p{  
    color:rgb(168, 195, 175)  
}
```

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(168, 195, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 195, 175) }
```

Border

The CSS property to change the border of an element to XYZ 43.4014, 50.4502, 48.0078 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(168, 195, 175) }
```


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

```
.border{ border-color:rgb(168, 195, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 195, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 195, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 195, 175);  
box-shadow:4px 4px 4px 4px rgb(168, 195,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4014, 50.4502, 48.0078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 195, 175) }
```

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

```
.background{ background-color: rgb(168,  
195, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor