

Converting Colors

XYZ(43.9528, 50.8088, 48.5527)

Have a look what the booklet for
XYZ(43.9528, 50.8088, 48.5527)
contains.

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Color

**XYZ(43.9291, 50.7109,
48.5472)**

Conversions

Conversions Part 1

Format	Color
Hex	AAC3B0
RGB	170, 195, 176
RGB Percent	67%, 76%, 69%
CMY	0.3333, 0.2353, 0.3098
CMYK	0.13, 0.00, 0.10, 0.24
HSL	134°, 17%, 72%
HSV	134°, 13%, 76%
XYZ	43.9291, 50.7109, 48.5472
YIQ	185.3590, -8.8010, -11.2090

Conversions

Conversions Part 2

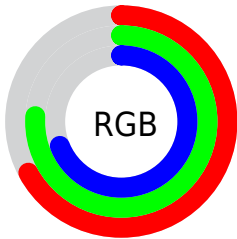
Format	Color
RYB	170, 190, 195
Decimal	11191216
CIELab	76.50, -12.14, 6.70
CIELCh	77, 13.866, 151.115
Yxy	50.7109, 0.3068, 0.3542
Android (android.graphics.Color)	4289381296 (0xFFAAC3B0)
YUV	185.3590, -4.6140, -13.4698
Hunter-Lab	71.2116, -14.5070, 9.4282

Details

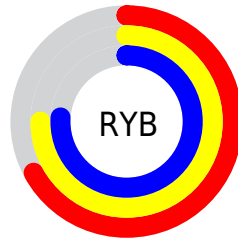
The XYZ color **43.9291, 50.7109, 48.5472** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.0675, 44.0268, 54.2163**, and the grayscale version is **46.3436, 48.7570, 53.0964**.

A 20% lighter version of the original color is **80.4272, 91.4546, 89.7575**, and **20.6342, 24.3565, 22.6825** is the 20% darker color. If you saturate the color by 10%, you get **38.6351, 48.1435, 41.0583**, and if you desaturate by 10%, it is **50.0114, 53.6691, 56.9109**.

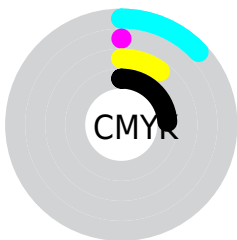
Distribution



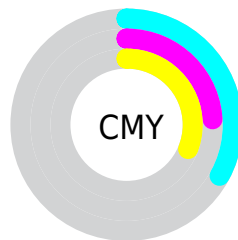
- Red (67%)
- Green (76%)
- Blue (69%)



- Red (67%)
- Yellow (75%)
- Blue (76%)



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)



- Cyan (33%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9291, 50.7109, 48.5472 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 43.9291, 50.7109, 48.5472 by changing the saturation by 10% instead.

■ 43.9291, 50.7109,
48.5472

■ 43.9291, 50.7109,
48.5472

353.2760,
389.4395, 397.5281

■ 30.8124, 35.9786,
33.8974

■ 80.3581, 91.2273,
89.3926

■ 20.6072, 24.4177,
22.5380

104.4011,
117.7802, 116.4252

■ 12.9480, 15.6437,
14.0507

132.8169,
149.0420, 148.4225

■ 7.4695, 9.2724,
8.0168

165.9709,
185.3972, 185.8030

■ 3.8063, 4.9193,
4.0178

204.2285,
227.2301, 228.9853

■ 1.5932, 2.2000,
1.6351

247.9549,

■ 0.3880, 0.7200,

274.9253, 278.3879

0.3157

297.5157,
328.8669, 334.4293

■ 0.0000, 0.0000,
0.0000

■ 43.9291, 50.7109,
48.5472

■ 43.9291, 50.7109,
48.5472

■ 38.6351, 48.1435,
41.0583

■ 50.0114, 53.6691,
56.9109

■ 34.0926, 45.9441,
34.4127

■ 56.9083, 57.0267,
66.1729

■ 30.2682, 44.0976,
28.5816

■ 64.6503, 60.8004,
76.3603

■ 27.1241, 42.5853,
23.5335

■ 73.2649, 65.0038,
87.4977

■ 24.6192, 41.3865,
19.2350

■ 78.0278, 67.2009,
99.3865

■ 22.7077, 40.4785,
15.6500

■ 78.8061, 67.5123,
103.4854

■ 21.3375, 39.8351,
12.7395

■ 20.4467, 39.4254,
10.4606

■ 20.0252, 39.2359,
9.1860

Harmonies

Analogous

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



45.6472, 50.7109, 43.7814



43.9291, 50.7109, 48.5472



43.3445, 50.7109, 55.4962

Triad

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



43.9291, 50.7109, 48.5472



48.2971, 50.7109, 70.9014



52.6336, 50.7109, 48.1031

Complementary

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



43.9291, 50.7109, 48.5472



46.0675, 44.0268, 54.2163

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.



53.4034, 50.7109, 54.9358



43.9291, 50.7109, 48.5472



50.8446, 50.7109, 68.4850

Square

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



43.9291, 50.7109, 48.5472



45.8108, 50.7109, 68.8090



52.7374, 50.7109, 62.4682



50.6692, 50.7109, 43.5418

Rectangle

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



43.9291, 50.7109, 48.5472



43.6590, 50.7109, 60.5675



52.7374, 50.7109, 62.4682



53.0438, 50.7109, 50.1886

Sweetspot

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



43.9305, 50.7131, 48.5483



88.1379, 95.4222, 99.9795



47.8005, 52.7752, 45.6979



19.1104, 20.8036, 21.6341



0.0000, 0.0000, 0.0000



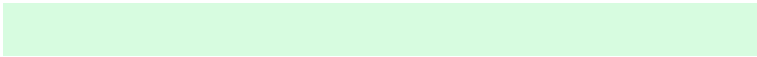
20.3446, 21.4041, 23.3091

Same Dimension

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



43.9305, 50.7131, 48.5483



76.2637, 89.6517, 83.5719



45.2073, 51.2238, 55.2721



10.0413, 11.2976, 11.2209



13.0427, 25.5111, 6.1177



0.5916, 1.1135, 0.4122

Inverse Universe

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



46.0675, 44.0268, 54.2163



80.7347, 75.6610, 95.4298



44.7845, 43.5136, 47.4605



10.3906, 10.2048, 12.1474



18.1462, 8.9483, 19.2140



0.8096, 0.3968, 0.9647

Previews

White Background



This preview shows how the XYZ color 43.9291, 50.7109, 48.5472 looks on a white background.

Color Contrast Check

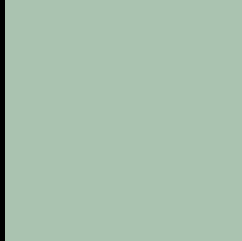
Large Text (above 18pt) WCAG AA × Fail

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 43.9291, 50.7109, 48.5472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

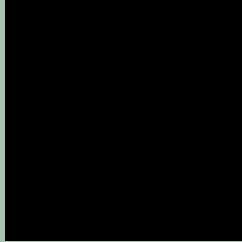
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

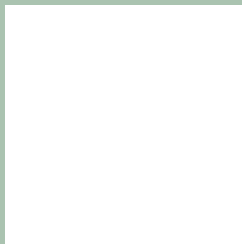
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.9291, 50.7109, 48.5472

Background



This preview shows how black text looks on a background with the XYZ color 43.9291, 50.7109, 48.5472.



This preview shows how white text looks on a background with the XYZ color 43.9291, 50.7109, 48.5472.

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

43.9291, 50.7109, 48.5472

Protanopia

48.1946, 50.6808, 46.2720

Deuteranopia

51.4430, 50.4122, 49.6670



Tritanopia

47.4506, 50.8318, 65.7031

Trichromacy



Original Color

43.9291, 50.7109, 48.5472

Protanomaly

46.6671, 50.8435, 46.8893

Deuteranomaly

48.3119, 50.3571, 49.2931

Tritanomaly

45.9335, 50.5236, 58.9608

Monochromacy



Original Color

43.9291, 50.7109, 48.5472

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.4635, 49.4759, 51.4096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9291, 50.7109, 48.5472 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(170, 195, 176)` looks like.

```
.text, #text, p{  
    color:rgb(170, 195, 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(170, 195, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 195, 176) }
```

Border

The CSS property to change the border of an element to XYZ 43.9291, 50.7109, 48.5472 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(170, 195, 176) }
```


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

```
.border{ border-color:rgb(170, 195, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 195, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 195, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 195, 176);  
box-shadow:4px 4px 4px 4px rgb(170, 195,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9291, 50.7109, 48.5472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 195, 176) }
```

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

```
.background{ background-color: rgb(170,  
195, 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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