

Converting Colors

XYZ(43.2435, 50.3358, 47.2089)

Have a look what the booklet for
XYZ(43.2435, 50.3358, 47.2089)
contains.

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Color

**XYZ(43.2064, 50.3722,
46.9807)**

Conversions

Conversions Part 1

Format	Color
Hex	A8C3AD
RGB	168, 195, 173
RGB Percent	66%, 76%, 68%
CMY	0.3412, 0.2353, 0.3216
CMYK	0.14, 0.00, 0.11, 0.24
HSL	131°, 18%, 71%
HSV	131°, 14%, 76%
XYZ	43.2064, 50.3722, 46.9807
YIQ	184.4190, -9.0300, -12.5660

Conversions

Conversions Part 2

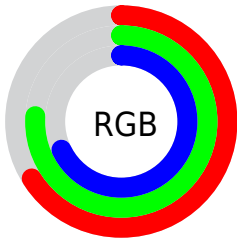
Format	Color
R _{YB}	168, 191, 195
Decimal	11060141
CIE Lab	76.30, -13.38, 8.00
CIE LCh	76, 15.593, 149.119
Yxy	50.3722, 0.3074, 0.3584
Android (android.graphics.Color)	4289250221 (0xFFFA8C3AD)
YUV	184.4190, -5.6296, -14.3995
Hunter-Lab	70.9734, -15.5381, 10.4345

Details

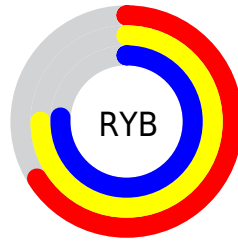
The XYZ color **43.2064, 50.3722, 46.9807** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.8044, 43.3263, 54.6663**, and the grayscale version is **45.8266, 48.2132, 52.5041**.

A 20% lighter version of the original color is **79.2454, 90.9102, 86.7695**, and **20.1785, 24.1432, 21.6857** is the 20% darker color. If you saturate the color by 10%, you get **37.9150, 47.8130, 39.1789**, and if you desaturate by 10%, it is **49.3061, 53.3298, 55.7771**.

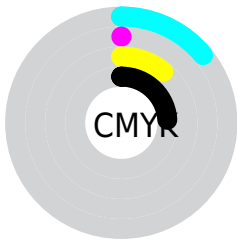
Distribution



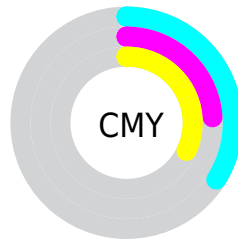
- Red (66%)
- Green (76%)
- Blue (68%)



- Red (66%)
- Yellow (75%)
- Blue (76%)



- Cyan (14%)
- Magenta (0%)
- Yellow (11%)
- Black (24%)



- Cyan (34%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2064, 50.3722, 46.9807 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 43.2064, 50.3722, 46.9807 by changing the saturation by 10% instead.

■ 43.2064, 50.3722,
46.9807

■ 43.2064, 50.3722,
46.9807

350.3670,
388.1197, 391.1290

■ 30.2423, 35.7092,
32.6662

■ 79.2760, 90.7261,
87.0345

■ 20.1716, 24.2097,
21.6018

■ 103.1122,
117.1858, 113.6108

■ 12.6288, 15.4893,
13.3691

131.3032,
148.3466, 145.1115

■ 7.2487, 9.1635,
7.5495

164.2143,
184.5928, 181.9551

■ 3.6658, 4.8480,
3.7244

202.2109,
226.3088, 224.5601

■ 1.5149, 2.1583,
1.4754

245.6583,

■ 0.3359, 0.6971,

273.8790, 273.3450

0.1995

294.9219,
327.6878, 328.7285

■ 0.0000, 0.0000,
0.0000

■ 43.2064, 50.3722,
46.9807

■ 43.2064, 50.3722,
46.9807

■ 37.9150, 47.8130,
39.1789

■ 49.3061, 53.3298,
55.7771

■ 33.3937, 45.6290,
32.3333

■ 56.2418, 56.6951,
65.5978

■ 29.6074, 43.8044,
26.4083

■ 64.0452, 60.4852,
76.4757

■ 26.5167, 42.3195,
21.3643

■ 72.7450, 64.7143,
88.4410

■ 24.0784, 41.1531,
17.1592

■ 78.3981, 67.3490,
101.3369

■ 22.2444, 40.2812,
13.7474

■ 78.8061, 67.5122,
103.4854

■ 20.9596, 39.6766,
11.0787

■ 20.1585, 39.3067,
9.0973

■ 19.8362, 39.1602,
8.1910

Harmonies

Analogous

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



45.1897, 50.3722, 41.9329



43.2064, 50.3722, 46.9807



42.4660, 50.3722, 54.5992

Triad

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



43.2064, 50.3722, 46.9807



47.7907, 50.3722, 72.5989



52.9657, 50.3722, 47.3692

Complementary

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



43.2064, 50.3722, 46.9807



45.8044, 43.3263, 54.6663

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.



53.7298, 50.3722, 55.0951



43.2064, 50.3722, 46.9807



50.6694, 50.3722, 70.1721

Square

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



43.2064, 50.3722, 46.9807



45.0455, 50.3722, 69.8803



52.8732, 50.3722, 63.5452



50.8253, 50.3722, 42.1406

Rectangle

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



43.2064, 50.3722, 46.9807



42.7527, 50.3722, 60.2988



52.8732, 50.3722, 63.5452



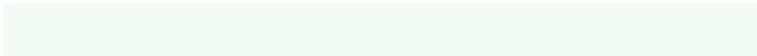
53.3958, 50.3722, 49.7337

Sweetspot

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



43.2078, 50.3743, 46.9818



88.0536, 95.3885, 99.5355



47.8327, 52.8135, 44.7194



19.0886, 20.7949, 21.5195



0.0000, 0.0000, 0.0000



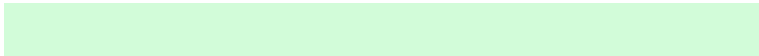
20.3446, 21.4041, 23.3091

Same Dimension

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



43.2078, 50.3743, 46.9818



73.9846, 88.5718, 79.1703



44.5760, 50.9216, 54.1870



10.0189, 11.2886, 11.1030



12.9149, 25.4600, 5.4450



0.5817, 1.1095, 0.3598

Inverse Universe

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



45.8044, 43.3263, 54.6663



79.6453, 73.2050, 95.9214



44.4009, 42.7649, 47.2757



10.4147, 10.2145, 12.2744



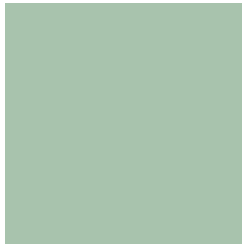
18.7177, 9.1768, 22.2230



0.8300, 0.4050, 1.0720

Previews

White Background



This preview shows how the XYZ color 43.2064, 50.3722, 46.9807 looks on a white background.

Color Contrast Check

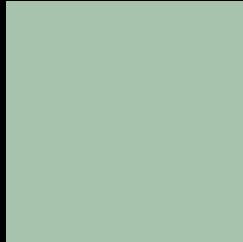
Large Text (above 18pt) WCAG AA × Fail

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 43.2064, 50.3722, 46.9807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

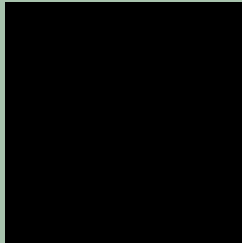
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

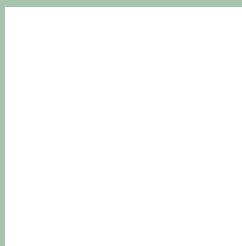
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.2064, 50.3722, 46.9807

Background



This preview shows how black text looks on a background with the XYZ color 43.2064, 50.3722, 46.9807.



This preview shows how white text looks on a background with the XYZ color 43.2064, 50.3722,

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

43.2064, 50.3722, 46.9807

Protanopia

47.6967, 50.1410, 44.7004

Deuteranopia

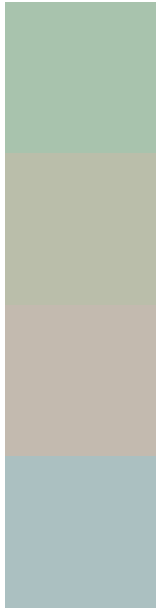
50.9387, 49.8840, 48.0181



Tritanopia

46.6665, 50.1189, 64.9719

Trichromacy



Original Color

43.2064, 50.3722, 46.9807

Protanomaly

45.9189, 50.1683, 45.2935

Deuteranomaly

47.8024, 49.8151, 47.6532

Tritanomaly

45.2699, 50.2075, 57.7571

Monochromacy



Original Color

43.2064, 50.3722, 46.9807

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.5815, 48.7267, 50.2355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2064, 50.3722, 46.9807 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(168, 195, 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(168, 195, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 195, 173) }
```

Border

The CSS property to change the border of an element to XYZ 43.2064, 50.3722, 46.9807 is called "border". The border property can be set on classes, ids or directly on the HTML element.

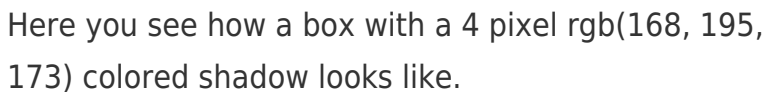
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 195, 173) }
```


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

```
.border{ border-color:rgb(168, 195, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 195, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 195, 173); box-shadow:4px 4px 4px 4px rgb(168, 195, 173) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2064, 50.3722, 46.9807 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, 173) }
```

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

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