

Converting Colors

XYZ(43.4706, 50.0990, 50.5606)

Have a look what the booklet for
XYZ(43.4706, 50.0990, 50.5606)
contains.

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Color

**XYZ(43.4664, 50.0944,
50.5583)**

Conversions

Conversions Part 1

Format	Color
Hex	A7C2B4
RGB	167, 194, 180
RGB Percent	65%, 76%, 71%
CMY	0.3451, 0.2392, 0.2941
CMYK	0.14, 0.00, 0.07, 0.24
HSL	149°, 18%, 71%
HSV	149°, 14%, 76%
XYZ	43.4664, 50.0944, 50.5583
YIQ	184.3310, -11.5980, -10.0780

Conversions

Conversions Part 2

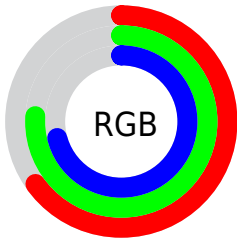
Format	Color
R _Y B	167, 185, 194
Decimal	10994356
CIE Lab	76.13, -11.88, 3.97
CIE LCh	76, 12.525, 161.533
Yxy	50.0944, 0.3016, 0.3476
Android (android.graphics.Color)	4289184436 (0xFFA7C2B4)
YUV	184.3310, -2.1352, -15.1993
Hunter-Lab	70.7774, -14.2386, 7.1917

Details

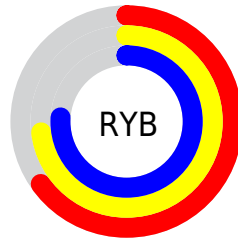
The XYZ color **43.4664, 50.0944, 50.5583** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.4092, 42.4443, 49.5704**, and the grayscale version is **45.7602, 48.1433, 52.4280**.

A 20% lighter version of the original color is **79.7617, 90.5801, 92.6367**, and **20.2791, 23.9333, 23.6294** is the 20% darker color. If you saturate the color by 10%, you get **38.6836, 47.7443, 45.1777**, and if you desaturate by 10%, it is **48.9413, 52.7954, 56.3618**.

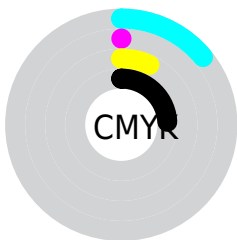
Distribution



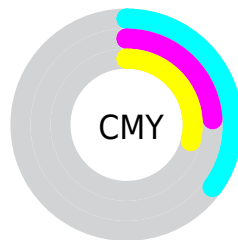
- Red (65%)
- Green (76%)
- Blue (71%)



- Red (65%)
- Yellow (73%)
- Blue (76%)



- Cyan (14%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)





- Cyan (35%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4664, 50.0944, 50.5583 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 43.4664, 50.0944, 50.5583 by changing the saturation by 10% instead.

 43.4664, 50.0944,
50.5583


 43.4664, 50.0944,
50.5583


351.4154,
387.0350, 405.6427

 30.4473, 35.4884,
35.4829


 79.6655, 90.3147,
92.4063

 20.3281, 24.0393,
23.7486


 103.5763,
116.6979, 120.0161

 12.7434, 15.3628,
14.9368


131.8484,
147.7755, 152.6410

 7.3279, 9.0744,
8.6289

164.8471,
183.9320, 190.6997

 3.7161, 4.7897,
4.4064

202.9378,
225.5518, 234.6107

 1.5428, 2.1244,
1.8509

246.4858,

 0.3547, 0.6783,

273.0193, 284.7925

0.4612

295.8566,
326.7189, 341.6636

■ 0.0000, 0.0000,
0.0000

■ 43.4664, 50.0944,
50.5583

■ 43.4664, 50.0944,
50.5583

■ 38.6836, 47.7443,
45.1777

■ 48.9413, 52.7954,
56.3618

■ 34.5598, 45.7242,
40.2071

■ 55.1312, 55.8549,
62.5940

■ 31.0654, 44.0203,
35.6377

■ 62.0630, 59.2879,
69.2650

■ 28.1670, 42.6155,
31.4591

■ 69.7612, 63.1069,
76.3834

■ 25.8276, 41.4912,
27.6607

■ 74.8584, 65.5758,
83.7988

■ 24.0061, 40.6262,
24.2309

■ 76.3151, 66.1585,
91.4698

■ 22.6554, 39.9965,
21.1577

■ 77.8548, 66.7743,
99.5776

■ 21.7185, 39.5730,
18.4282

■ 78.5828, 67.0655,
103.4109

■ 21.2863, 39.3829,
16.9287

Harmonies

Analogous

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



44.6880, 50.0944, 45.4442



43.4664, 50.0944, 50.5583



43.3338, 50.0944, 57.1649

Triad

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



43.4664, 50.0944, 50.5583



48.5197, 50.0944, 68.1889



51.0661, 50.0944, 46.4284

Complementary

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



43.4664, 50.0944, 50.5583



44.4092, 42.4443, 49.5704

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.



52.1655, 50.0944, 52.0050



43.4664, 50.0944, 50.5583



50.6634, 50.0944, 64.7846

Square

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



43.4664, 50.0944, 50.5583



46.2003, 50.0944, 67.7212



52.0157, 50.0944, 58.7345



49.0547, 50.0944, 43.1981

Rectangle

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



43.4664, 50.0944, 50.5583



43.8754, 50.0944, 61.5746



52.0157, 50.0944, 58.7345



51.5575, 50.0944, 48.0706

Sweetspot

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



43.4678, 50.0965, 50.5594



88.5123, 95.5720, 101.9506



45.4187, 51.2481, 44.0580



19.2072, 20.8424, 22.1439



0.0000, 0.0000, 0.0000



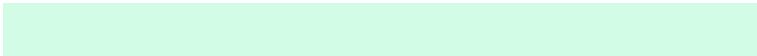
20.3446, 21.4041, 23.3091

Same Dimension

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



43.4678, 50.0965, 50.5594



75.7079, 89.2612, 88.2453



44.8667, 50.6561, 57.9259



10.1419, 11.3378, 11.7505



14.0354, 25.9082, 11.3456



0.6413, 1.1333, 0.6736

Inverse Universe

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



44.4092, 42.4443, 49.5704



77.7751, 72.4569, 86.0731



43.1270, 41.9314, 42.8183



10.2864, 10.1632, 11.5987



16.2008, 8.1701, 8.9693



0.7347, 0.3669, 0.5703

Previews

White Background



This preview shows how the XYZ color 43.4664, 50.0944, 50.5583 looks on a white background.

Color Contrast Check

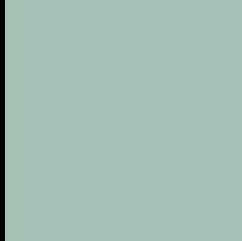
Large Text (above 18pt) WCAG AA × Fail

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 43.4664, 50.0944, 50.5583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

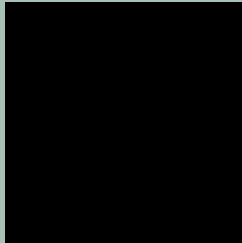
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

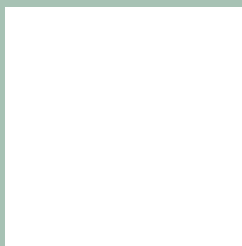
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4664, 50.0944, 50.5583

Background



This preview shows how black text looks on a background with the XYZ color 43.4664, 50.0944, 50.5583.

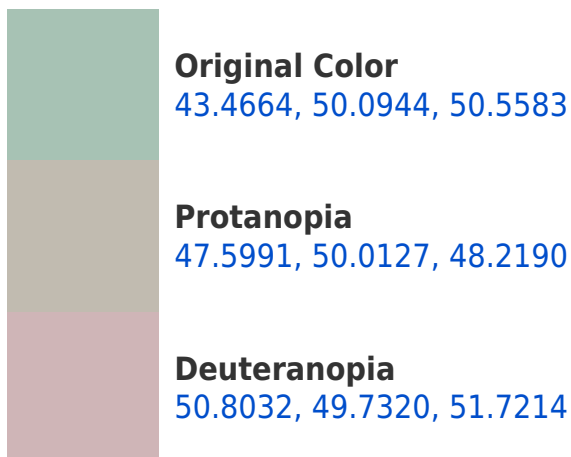


This preview shows how white text looks on a background with the XYZ color 43.4664, 50.0944,

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





Tritanopia

46.2275, 49.8926, 64.9514

Trichromacy



Original Color

43.4664, 50.0944, 50.5583

Protanomaly

46.1164, 50.1916, 48.8523

Deuteranomaly

47.7406, 49.7017, 51.3332

Tritanomaly

45.1722, 49.7932, 59.4548

Monochromacy



Original Color

43.4664, 50.0944, 50.5583

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.8906, 48.8503, 51.8628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4664, 50.0944, 50.5583 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(167, 194, 180)` looks like.

```
.text, #text, p{  
    color:rgb(167, 194, 180)  
}
```

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(167, 194, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 194, 180) }
```

Border

The CSS property to change the border of an element to XYZ 43.4664, 50.0944, 50.5583 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(167, 194, 180) }
```


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

```
.border{ border-color:rgb(167, 194, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 194, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 194, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 194, 180);  
box-shadow:4px 4px 4px 4px rgb(167, 194,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4664, 50.0944, 50.5583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 194, 180) }
```

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

```
.background{ background-color: rgb(167,  
194, 180) }
```

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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