

Converting Colors

XYZ(43.0955, 50.3515, 52.8865)

Have a look what the booklet for
XYZ(43.0955, 50.3515, 52.8865)
contains.

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Color

**XYZ(43.2919, 50.6219,
52.8367)**

Conversions

Conversions Part 1

Format	Color
Hex	A2C4B8
RGB	162, 196, 184
RGB Percent	64%, 77%, 72%
CMY	0.3647, 0.2314, 0.2784
CMYK	0.17, 0.00, 0.06, 0.23
HSL	159°, 22%, 70%
HSV	159°, 17%, 77%
XYZ	43.2919, 50.6219, 52.8367
YIQ	184.4660, -16.4120, -10.9400

Conversions

Conversions Part 2

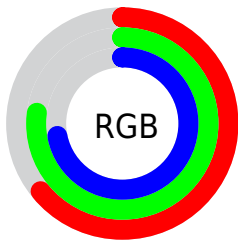
Format	Color
RYB	162, 183, 196
Decimal	10667192
CIELab	76.45, -13.79, 2.23
CIELCh	76, 13.965, 170.808
Yxy	50.6219, 0.2950, 0.3450
Android (android.graphics.Color)	4288857272 (0xFFA2C4B8)
YUV	184.4660, -0.2297, -19.7027
Hunter-Lab	71.1491, -15.8994, 5.7744

Details

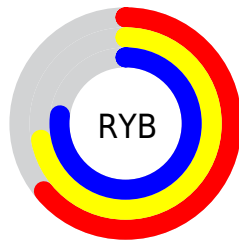
The XYZ color **43.2919, 50.6219, 52.8367** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.3270, 40.6336, 45.6060**, and the grayscale version is **45.8266, 48.2131, 52.5041**.

A 20% lighter version of the original color is **79.4687, 91.2935, 95.8710**, and **20.2001, 24.2997, 25.0984** is the 20% darker color. If you saturate the color by 10%, you get **38.9092, 48.4457, 48.9384**, and if you desaturate by 10%, it is **48.3335, 53.1365, 56.9531**.

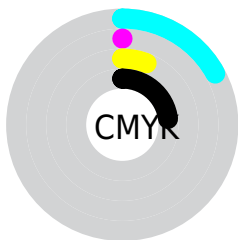
Distribution



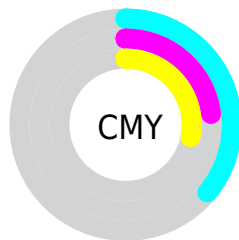
- Red (64%)
- Green (77%)
- Blue (72%)



- Red (64%)
- Yellow (72%)
- Blue (77%)



- Cyan (17%)
- Magenta (0%)
- Yellow (6%)
- Black (23%)





- Cyan (36%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2919, 50.6219, 52.8367 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 43.2919, 50.6219, 52.8367 by changing the saturation by 10% instead.


 43.2919, 50.6219,
52.8367


 43.2919, 50.6219,
52.8367

350.7120,
389.0930, 414.7068

 30.3097, 35.9078,
37.2856


 79.4041, 91.0956,
95.8031

 20.2230, 24.3630,
25.1312


 103.2649,
117.6240, 124.0556

 12.6665, 15.6031,
15.9549


131.4826,
148.8593, 157.3788

 7.2747, 9.2437,
9.3382

164.4225,
185.1859, 196.1915

 3.6823, 4.9005,
4.8626

202.4501,
226.9882, 240.9121

 1.5240, 2.1890,
2.1096

245.9306,

 0.3421, 0.7140,

274.6505, 291.9591

0.6215

295.2295,
328.5573, 349.7512

■ 0.0000, 0.0000,
0.0000

■ 43.2919, 50.6219,
52.8367

■ 43.2919, 50.6219,
52.8367

■ 38.9092, 48.4457,
48.9384

■ 48.3335, 53.1365,
56.9531

■ 35.1520, 46.5865,
45.2510

■ 54.0571, 55.9971,
61.2882

■ 31.9902, 45.0303,
41.7713

■ 60.4898, 59.2190,
65.8467

■ 29.3897, 43.7595,
38.4950

■ 67.6559, 62.8148,
70.6323

■ 27.3126, 42.7547,
35.4177

■ 73.7138, 65.8349,
75.5611

■ 25.7161, 41.9938,
32.5343

■ 74.6417, 66.2061,
80.4474

■ 24.5503, 41.4512,
29.8396

■ 75.6079, 66.5926,
85.5354

■ 23.7452, 41.0910,
27.3274

■ 76.6129, 66.9945,
90.8273

■ 23.5597, 41.0093,
26.6899

■ 77.6570, 67.4122,
96.3254

Harmonies

Analogous

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



44.2997, 50.6219, 46.4615



43.2919, 50.6219, 52.8367



43.5393, 50.6219, 60.4268

Triad

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



43.2919, 50.6219, 52.8367



49.9340, 50.6219, 69.8000



51.3824, 50.6219, 44.6359

Complementary

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



43.2919, 50.6219, 52.8367



43.3270, 40.6336, 45.6060

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.



52.9997, 50.6219, 50.1309



43.2919, 50.6219, 52.8367



52.1425, 50.6219, 64.7894

Square

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



43.2919, 50.6219, 52.8367



47.3111, 50.6219, 70.6920



53.2828, 50.6219, 57.4654



48.9272, 50.6219, 42.0189

Rectangle

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



43.2919, 50.6219, 52.8367



44.3865, 50.6219, 65.1386



53.2828, 50.6219, 57.4654



52.0458, 50.6219, 46.1828

Sweetspot

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



43.2933, 50.6240, 52.8378



89.7976, 97.3750, 104.9160



43.8228, 51.1431, 41.7450



19.0679, 20.7661, 22.3383



0.0000, 0.0000, 0.0000



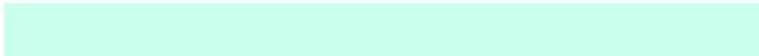
20.3446, 21.4041, 23.3091

Same Dimension

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



43.2933, 50.6240, 52.8378



75.1230, 90.0618, 92.8553



43.5984, 49.1344, 59.4130



10.2127, 11.3661, 12.1232



15.1795, 26.3659, 17.3703



0.6876, 1.1519, 0.9176

Inverse Universe

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



43.3270, 40.6336, 45.6060



75.1967, 68.4294, 77.2002



43.0214, 41.8124, 39.9862



10.2168, 10.1353, 11.2320



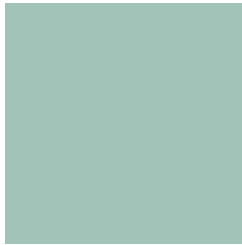
15.3588, 7.8333, 4.5353



0.6966, 0.3516, 0.3695

Previews

White Background



This preview shows how the XYZ color 43.2919, 50.6219, 52.8367 looks on a white background.

Color Contrast Check

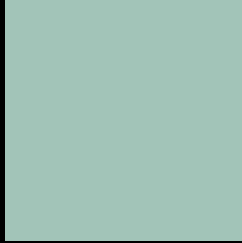
Large Text (above 18pt) WCAG AA × Fail

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 43.2919, 50.6219, 52.8367 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

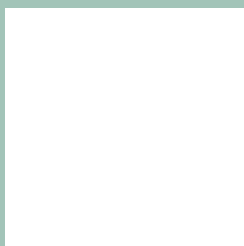
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.2919, 50.6219, 52.8367

Background



This preview shows how black text looks on a background with the XYZ color 43.2919, 50.6219, 52.8367.

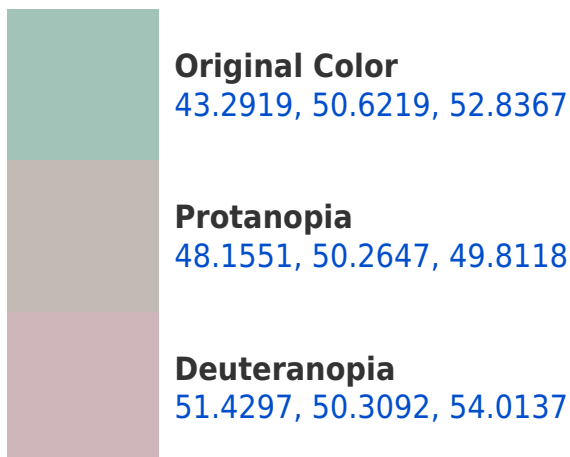


This preview shows how white text looks on a background with the XYZ color 43.2919, 50.6219,

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

45.9607, 50.3603, 66.9726

Trichromacy



Original Color

43.2919, 50.6219, 52.8367

Protanomaly

46.0453, 50.1082, 50.9611

Deuteranomaly

48.1191, 50.1622, 53.6005

Tritanomaly

44.8958, 50.2628, 61.3683

Monochromacy



Original Color

43.2919, 50.6219, 52.8367

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.5394, 48.6572, 52.3917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2919, 50.6219, 52.8367 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(162, 196, 184) looks like.

```
.text, #text, p{  
    color:rgb(162, 196, 184)  
}
```

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(162, 196, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 196, 184) }
```

Border

The CSS property to change the border of an element to XYZ 43.2919, 50.6219, 52.8367 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(162, 196, 184) }
```


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

```
.border{ border-color:rgb(162, 196, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 196, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 196, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 196, 184);  
box-shadow:4px 4px 4px 4px rgb(162, 196,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2919, 50.6219, 52.8367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 196, 184) }
```

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

```
.background{ background-color: rgb(162,  
196, 184) }
```

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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