

# Converting Colors

XYZ(43.1469, 52.8940, 56.6797)

Have a look what the booklet for  
XYZ(43.1469, 52.8940, 56.6797)  
contains.

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# Color

**XYZ(43.0446, 52.8191,  
56.6416)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95CBBE
RGB	149, 203, 190
RGB Percent	58%, 80%, 75%
CMY	0.4157, 0.2039, 0.2549
CMYK	0.27, 0.00, 0.06, 0.20
HSL	166°, 34%, 69%
HSV	166°, 27%, 80%
XYZ	43.0446, 52.8191, 56.6416
YIQ	185.3720, -28.0110, -15.4910

# Conversions

## Conversions Part 2

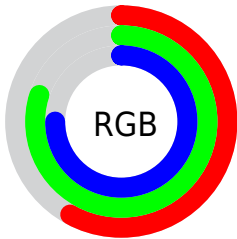
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 180, 203
Decimal	9817022
CIELab	77.77, -20.20, 0.82
CIELCh	78, 20.220, 177.679
Yxy	52.8191, 0.2822, 0.3463
Android (android.graphics.Color)	4288007102 (0xFF95CBBE)
YUV	185.3720, 2.2816, -31.8982
Hunter-Lab	72.6768, -21.4633, 4.6653

# Details

The XYZ color **43.0446, 52.8191, 56.6416** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.8994, 36.8014, 39.0796**, and the grayscale version is **46.3213, 48.7336, 53.0709**.

A 20% lighter version of the original color is **77.2964, 91.0112, 100.6817**, and **20.1926, 25.8424, 27.5907** is the 20% darker color. If you saturate the color by 10%, you get **39.1338, 50.8651, 53.7172**, and if you desaturate by 10%, it is **47.6218, 55.1174, 59.6930**.

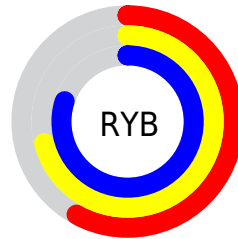
# Distribution



Red (58%)

Green (80%)

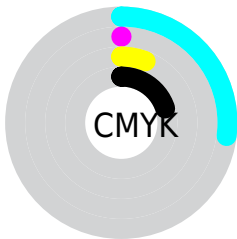
Blue (75%)



Red (58%)

Yellow (71%)

Blue (80%)

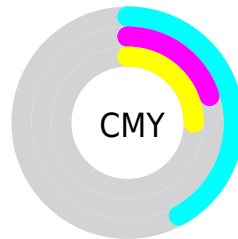


Cyan (27%)

Magenta (0%)

Yellow (6%)

Black (20%)



Cyan (42%)

Magenta (20%)


Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0446, 52.8191, 56.6416 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 43.0446, 52.8191, 56.6416 by changing the saturation by 10% instead.





 43.0446, 52.8191,  
56.6416


 43.0446, 52.8191,  
56.6416


349.7136,  
397.5907, 429.5610

 30.1148, 37.6584,  
40.3101


 79.0335, 94.3381,  
101.4372

 20.0742, 25.7177,  
27.4648


 102.8232,  
121.4652, 130.7384

 12.5576, 16.6125,  
17.6871


130.9636,  
153.3499, 165.1999

 7.1995, 9.9586,  
10.5585

163.8201,  
190.3765, 205.2402

 3.6346, 5.3715,  
5.6604

201.7580,  
232.9295, 251.2780

 1.4976, 2.4669,  
2.5743

245.1426,

 0.3242, 0.8600,

281.3933, 303.7317

0.8791

294.3394,  
336.1522, 363.0198

■ 0.0000, 0.0000,  
0.0000

■ 43.0446, 52.8191,  
56.6416

■ 43.0446, 52.8191,  
56.6416

■ 39.1338, 50.8651,  
53.7172

■ 47.6218, 55.1174,  
59.6930

■ 35.8514, 49.2316,  
50.9137

■ 52.8923, 57.7695,  
62.8701

■ 33.1620, 47.9018,  
48.2298

■ 58.8867, 60.7928,  
66.1764

■ 31.0252, 46.8549,  
45.6624

■ 65.6326, 64.2013,  
69.6141

■ 29.3952, 46.0672,  
43.2087

■ 73.1561, 68.0086,  
73.1852

■ 28.2185, 45.5112,  
40.8650

■ 75.4264, 69.1055,  
76.6083

■ 27.4259, 45.1513,  
38.6272

■ 76.0808, 69.3673,  
80.0545

■ 27.2000, 45.0510,  
37.8886

■ 76.7543, 69.6367,  
83.6012

■ 77.4471, 69.9138,  
87.2491

# Harmonies

## Analogous

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



44.1011, 52.8191, 46.7281



43.0446, 52.8191, 56.6416



43.8218, 52.8191, 68.1283

# Triad

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



43.0446, 52.8191, 56.6416



53.7849, 52.8191, 78.8148



54.3401, 52.8191, 41.1351

# Complementary

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



43.0446, 52.8191, 56.6416



41.8994, 36.8014, 39.0796

# 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.



57.1753, 52.8191, 48.0584



43.0446, 52.8191, 56.6416



56.8432, 52.8191, 69.8369

# Square

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



43.0446, 52.8191, 56.6416



49.8985, 52.8191, 81.8785



58.1140, 52.8191, 58.3893



50.5087, 52.8191, 38.5323



# Rectangle

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



43.0446, 52.8191, 56.6416



45.2990, 52.8191, 74.9868



58.1140, 52.8191, 58.3893



55.4487, 52.8191, 42.9861

# Sweetspot

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



43.0461, 52.8213, 56.6428



87.1582, 96.0218, 104.4553



41.7844, 52.6178, 36.3886



18.3569, 20.4023, 22.1822



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

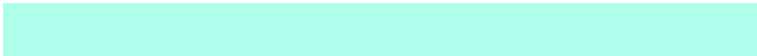


# Same Dimension

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



43.0461, 52.8213, 56.6428



68.1286, 86.4685, 91.9639



41.4809, 47.3139, 63.4486



11.4233, 12.6791, 13.7864



17.3465, 28.6839, 24.3072



0.9234, 1.4912, 1.4042



# Inverse Universe

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



41.8994, 36.8014, 39.0796



65.8913, 55.1532, 57.6526



43.0637, 40.8851, 34.0566



11.3212, 11.2572, 12.2262



16.0550, 8.2326, 2.7422

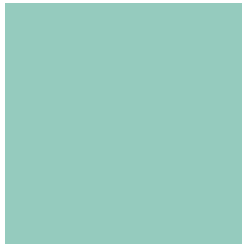


0.8590, 0.4370, 0.3035



# Previews

## White Background



This preview shows how the XYZ color 43.0446, 52.8191, 56.6416 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

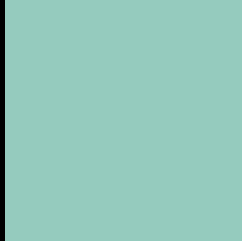
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 43.0446, 52.8191, 56.6416 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

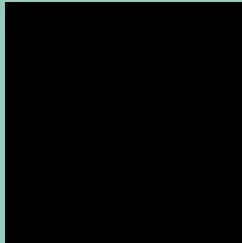
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 43.0446, 52.8191, 56.6416**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.0446, 52.8191, 56.6416.



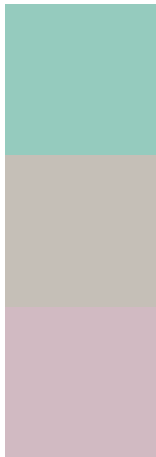
This preview shows how white text looks on a background with the XYZ color 43.0446, 52.8191,

56.6416.

# 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

43.0446, 52.8191, 56.6416

### Protanopia

50.2040, 52.5508, 52.2970

### Deuteranopia

53.5910, 52.5682, 58.3611



## Tritanopia

46.0156, 52.6232, 72.0220

# Trichromacy



## Original Color

43.0446, 52.8191, 56.6416



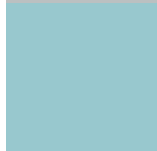
## Protanomaly

47.2004, 52.2787, 54.0574



## Deuteranomaly

48.9688, 52.1143, 57.9302



## Tritanomaly

44.7437, 52.4402, 66.1562

# Monochromacy



## Original Color

43.0446, 52.8191, 56.6416



## Achromatopsia

46.1135, 48.5150, 52.8328



## Achromatomaly

44.8325, 50.0578, 54.3129

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.0446, 52.8191, 56.6416 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(149, 203, 190)` looks like.

```
.text, #text, p{  
    color:rgb(149, 203, 190)  
}
```

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(149, 203, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 203, 190) }
```

## Border

The CSS property to change the border of an element to XYZ 43.0446, 52.8191, 56.6416 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(149, 203, 190) }
```



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

```
.border{ border-color:rgb(149, 203, 190) }
```

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

Here you see how a box with a 4 pixel rgb(149, 203, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 203, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 203, 190);  
box-shadow:4px 4px 4px 4px rgb(149, 203,  
190) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.0446, 52.8191, 56.6416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 203, 190) }
```

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

```
.background{ background-color: rgb(149,  
203, 190) }
```

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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