

# Converting Colors

XYZ(43.2877, 50.3717, 56.1592)

Have a look what the booklet for  
XYZ(43.2877, 50.3717, 56.1592)  
contains.

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# Color

**XYZ(43.1074, 50.1188,  
56.1171)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FC3BE
RGB	159, 195, 190
RGB Percent	62%, 76%, 75%
CMY	0.3765, 0.2353, 0.2549
CMYK	0.18, 0.00, 0.03, 0.24
HSL	172°, 23%, 69%
HSV	172°, 18%, 76%
XYZ	43.1074, 50.1188, 56.1171
YIQ	183.6660, -19.8510, -9.1870

# Conversions

## Conversions Part 2

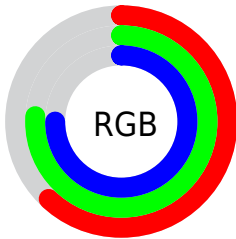
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 178, 195
Decimal	10470334
CIELab	76.14, -13.01, -1.49
CIELCh	76, 13.093, 186.519
Yxy	50.1188, 0.2886, 0.3356
Android (android.graphics.Color)	4288660414 (0xFF9FC3BE)
YUV	183.6660, 3.1227, -21.6321
Hunter-Lab	70.7946, -15.2006, 2.5586

# Details

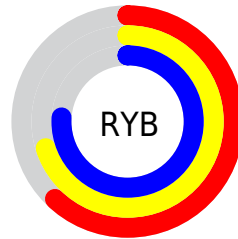
The XYZ color **43.1074, 50.1188, 56.1171** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.6064, 39.0800, 40.4743**, and the grayscale version is **45.3680, 47.7307, 51.9787**.

A 20% lighter version of the original color is **79.1765, 90.5708, 100.4976**, and **20.1036, 23.9817, 27.2363** is the 20% darker color. If you saturate the color by 10%, you get **39.2483, 48.1646, 54.4058**, and if you desaturate by 10%, it is **47.5850, 52.3939, 57.8883**.

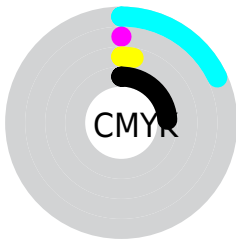
# Distribution



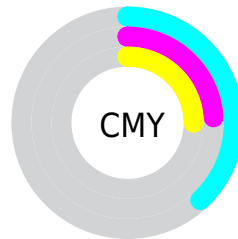
- Red (62%)
- Green (76%)
- Blue (75%)



- Red (62%)
- Yellow (70%)
- Blue (76%)



- Cyan (18%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)



- Cyan (38%)
- Magenta (24%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1074, 50.1188, 56.1171 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 43.1074, 50.1188, 56.1171 by changing the saturation by 10% instead.



■ 43.1074, 50.1188,  
56.1171

■ 43.1074, 50.1188,  
56.1171

349.9673,  
387.1303, 427.5334

■ 30.1643, 35.5078,  
39.8922

■ 79.1276, 90.3509,  
100.6633

■ 20.1120, 24.0543,  
27.1414

■ 102.9354,  
116.7407, 129.8216

■ 12.5852, 15.3739,  
17.4460

131.0955,  
147.8257, 164.1282

■ 7.2186, 9.0822,  
10.3877

163.9732,  
183.9901, 204.0015

■ 3.6467, 4.7949,  
5.5478

201.9338,  
225.6184, 249.8602

■ 1.5043, 2.1274,  
2.5078

245.3428,

■ 0.3287, 0.6800,

273.0949, 302.1227

0.8443

294.5655,  
326.8041, 361.2075

■ 0.0000, 0.0000,  
0.0000

■ 43.1074, 50.1188,  
56.1171

■ 43.1074, 50.1188,  
56.1171

■ 39.2483, 48.1646,  
54.4058

■ 47.5850, 52.3939,  
57.8883

■ 35.9748, 46.5103,  
52.7493

■ 52.7033, 54.9973,  
59.7172

■ 33.2574, 45.1421,  
51.1474

■ 58.4891, 57.9441,  
61.6065

■ 31.0625, 44.0426,  
49.5982

■ 64.9659, 61.2466,  
63.5573

■ 29.3528, 43.1926,  
48.0998

■ 71.6011, 64.6300,  
65.5449

■ 28.0858, 42.5702,  
46.6501

■ 71.9281, 64.7608,  
67.2668

■ 27.2119, 42.1499,  
45.2467

■ 72.2607, 64.8939,  
69.0185

■ 26.6517, 41.8906,  
43.8855

■ 72.5991, 65.0292,  
70.8003

■ 26.5753, 41.8557,  
43.6791

■ 72.9432, 65.1669,  
72.6123

# Harmonies

## Analogous

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



43.4447, 50.1188, 49.3696



43.1074, 50.1188, 56.1171



43.9497, 50.1188, 63.0002

# Triad

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



43.1074, 50.1188, 56.1171



50.4953, 50.1188, 66.1480



49.5383, 50.1188, 43.1077

# Complementary

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



43.1074, 50.1188, 56.1171



41.6064, 39.0800, 40.4743

# 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.



51.5237, 50.1188, 46.9291



43.1074, 50.1188, 56.1171



52.0894, 50.1188, 60.1252

# Square

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



43.1074, 50.1188, 56.1171



48.1733, 50.1188, 69.1035



52.4720, 50.1188, 53.0533



47.1035, 50.1188, 42.2335



# Rectangle

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



43.1074, 50.1188, 56.1171



45.0845, 50.1188, 66.6156



52.4720, 50.1188, 53.0533



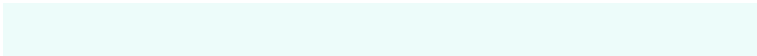
50.2829, 50.1188, 44.0732

# Sweetspot

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



43.1088, 50.1209, 56.1182



87.2877, 94.8843, 104.4406



41.1671, 49.4706, 40.1807



18.9863, 20.7132, 22.8241



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

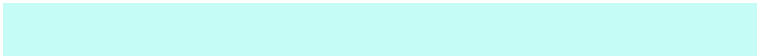


# Same Dimension

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



43.1088, 50.1209, 56.1182



74.3952, 88.3384, 99.3024



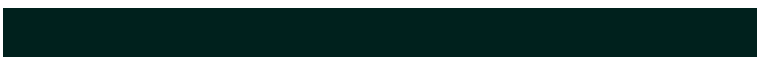
40.9598, 44.9327, 58.1462



10.3064, 11.4036, 12.6168



17.2950, 27.2121, 28.5101



0.7642, 1.1825, 1.3210



# Inverse Universe

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



41.6064, 39.0800, 40.4743



71.2287, 65.0615, 66.3266



43.4418, 43.4599, 38.9006



10.1289, 10.1002, 10.7695



14.7755, 7.5999, 1.4637



0.6572, 0.3359, 0.1625



# Previews

## White Background



This preview shows how the XYZ color 43.1074, 50.1188, 56.1171 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

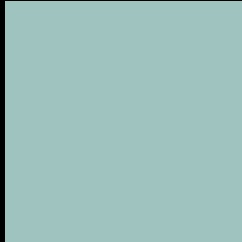
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 43.1074, 50.1188, 56.1171 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

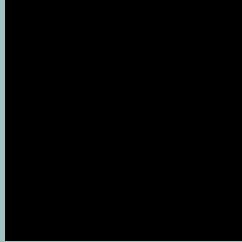
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 43.1074, 50.1188, 56.1171

## Background



This preview shows how black text looks on a background with the XYZ color 43.1074, 50.1188, 56.1171.



This preview shows how white text looks on a background with the XYZ color 43.1074, 50.1188,



# 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

43.1074, 50.1188, 56.1171

### Protanopia

47.8017, 49.6970, 52.9720

### Deuteranopia

50.9822, 50.0027, 57.4165



## Tritanopia

45.1351, 49.9347, 66.9340

# Trichromacy



## Original Color

43.1074, 50.1188, 56.1171

## Protanomaly

45.7576, 49.5668, 54.1694

## Deuteranomaly

47.7783, 49.9112, 56.9848

## Tritanomaly

44.3105, 49.9340, 62.5612

# Monochromacy



## Original Color

43.1074, 50.1188, 56.1171

## Achromatopsia

45.5594, 47.9320, 52.1980

## Achromatomaly

44.5253, 48.6256, 53.4933

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.1074, 50.1188, 56.1171 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(159, 195, 190)` looks like.

```
.text, #text, p{  
    color:rgb(159, 195, 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(159, 195, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 195, 190) }
```

## Border

The CSS property to change the border of an element to XYZ 43.1074, 50.1188, 56.1171 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(159, 195, 190) }
```



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

```
.border{ border-color:rgb(159, 195, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 195, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 195, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 195, 190);  
box-shadow:4px 4px 4px 4px rgb(159, 195,  
190) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.1074, 50.1188, 56.1171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 195, 190) }
```

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

```
.background{ background-color: rgb(159,  
195, 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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