

# Converting Colors

XYZ(43.2674, 54.8803, 56.7508)

Have a look what the booklet for  
XYZ(43.2674, 54.8803, 56.7508)  
contains.

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# Color

**XYZ(43.1778, 54.6691,  
56.9917)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FD0BE
RGB	143, 208, 190
RGB Percent	56%, 82%, 75%
CMY	0.4392, 0.1843, 0.2549
CMYK	0.31, 0.00, 0.09, 0.18
HSL	163°, 41%, 69%
HSV	163°, 31%, 82%
XYZ	43.1778, 54.6691, 56.9917
YIQ	186.5130, -32.9620, -19.3780

# Conversions

## Conversions Part 2

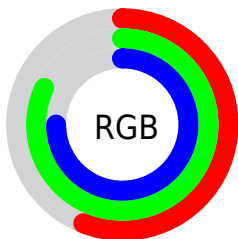
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 181, 208
Decimal	9425086
CIELab	78.85, -24.47, 2.35
CIELCh	79, 24.585, 174.506
Yxy	54.6691, 0.2789, 0.3531
Android (android.graphics.Color)	4287615166 (0xFF8FD0BE)
YUV	186.5130, 1.7191, -38.1609
Hunter-Lab	73.9386, -25.1541, 6.0564

# Details

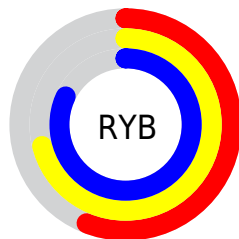
The XYZ color **43.1778, 54.6691, 56.9917** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.2697, 35.6294, 38.3696**, and the grayscale version is **46.9650, 49.4109, 53.8084**.

A 20% lighter version of the original color is **75.6833, 90.1796, 100.6062**, and **20.1230, 26.7623, 27.7719** is the 20% darker color. If you saturate the color by 10%, you get **39.2885, 52.7368, 53.5884**, and if you desaturate by 10%, it is **47.7627, 56.9599, 60.5598**.

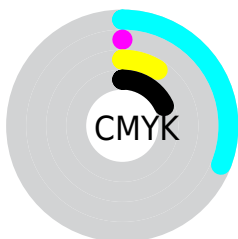
# Distribution



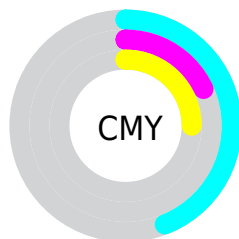
- Red (56%)
- Green (82%)
- Blue (75%)



- Red (56%)
- Yellow (71%)
- Blue (82%)



- Cyan (31%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)




- Cyan (44%)
- Magenta (18%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1778, 54.6691, 56.9917 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 43.1778, 54.6691, 56.9917 by changing the saturation by 10% instead.





 43.1778, 54.6691,  
56.9917


 43.1778, 54.6691,  
56.9917


350.2516,  
404.6564, 430.9111

 30.2198, 39.1369,  
40.5893


 79.2331, 97.0560,  
101.9533

 20.1544, 26.8662,  
27.6810

 103.0612,  
124.6794, 131.3495

 12.6162, 17.4728,  
17.8484


131.2432,  
157.1020, 165.9141

 7.2400, 10.5721,  
10.6729

164.1447,  
194.7081, 206.0656

 3.6603, 5.7799,  
5.7359

202.1309,  
237.8823, 252.2225

 1.5118, 2.7117,  
2.6190

245.5672,

 0.3338, 0.9832,

287.0087, 304.8033

0.9022

294.8190,  
342.4720, 364.2267

■ 0.0000, 0.0000,  
0.0000

■ 43.1778, 54.6691,  
56.9917

■ 43.1778, 54.6691,  
56.9917

■ 39.2885, 52.7368,  
53.5884

■ 47.7627, 56.9599,  
60.5598

■ 36.0529, 51.1373,  
50.3430

■ 53.0730, 59.6204,  
64.2921

■ 33.4318, 49.8518,  
47.2533

■ 59.1423, 62.6692,  
68.1928

■ 31.3795, 48.8567,  
44.3156

■ 66.0007, 66.1218,  
72.2646

■ 29.8441, 48.1253,  
41.5260

■ 73.6766, 69.9928,  
76.5102

■ 28.7633, 47.6255,  
38.8799

■ 77.3283, 71.7863,  
80.7046

■ 28.0939, 47.3285,  
36.6766

■ 78.1257, 72.1053,  
84.9037

■ 78.9499, 72.4349,  
89.2437

■ 79.8011, 72.7754,  
93.7259

# Harmonies

## Analogous

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



44.6969, 54.6691, 45.2588



43.1778, 54.6691, 56.9917



43.8900, 54.6691, 71.3696

# Triad

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



43.1778, 54.6691, 56.9917



55.9473, 54.6691, 87.4474



57.5963, 54.6691, 40.2339

# Complementary

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



43.1778, 54.6691, 56.9917



42.2697, 35.6294, 38.3696

# 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.



60.9662, 54.6691, 49.0699



43.1778, 54.6691, 56.9917



59.9732, 54.6691, 76.5132

# Square

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



43.1778, 54.6691, 56.9917



51.0690, 54.6691, 90.4469



61.8619, 54.6691, 62.1330



52.8641, 54.6691, 36.6018



# Rectangle

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



43.1778, 54.6691, 56.9917



45.5586, 54.6691, 80.3970



61.8619, 54.6691, 62.1330



58.9375, 54.6691, 42.6201

# Sweetspot

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



43.1793, 54.6713, 56.9929



86.0983, 95.5015, 103.2274



42.2975, 54.7177, 34.3197



18.1393, 20.2961, 21.9031



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

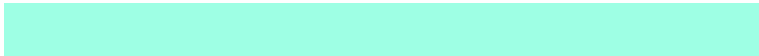


# Same Dimension

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



43.1793, 54.6713, 56.9929



63.9065, 84.4098, 86.4422



41.9878, 48.9422, 66.9109



12.0129, 13.3489, 14.4242



17.5517, 29.5136, 23.0831



1.0140, 1.6633, 1.4627



# Inverse Universe

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



42.2697, 35.6294, 38.3696



62.2342, 49.2480, 52.0896



43.0431, 39.5367, 31.3501



11.9414, 11.8613, 12.9670



16.7177, 8.5599, 3.4195

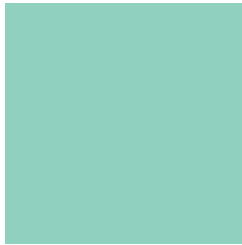


0.9686, 0.4922, 0.3697



# Previews

## White Background



This preview shows how the XYZ color 43.1778, 54.6691, 56.9917 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

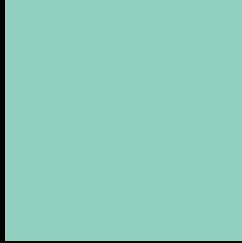
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 43.1778, 54.6691, 56.9917 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

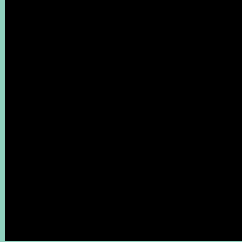
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

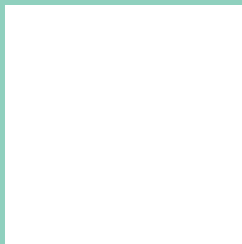
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 43.1778, 54.6691, 56.9917

## Background



This preview shows how black text looks on a background with the XYZ color 43.1778, 54.6691, 56.9917.



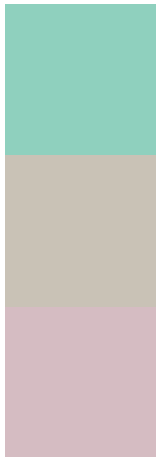
This preview shows how white text looks on a background with the XYZ color 43.1778, 54.6691,



# 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

43.1778, 54.6691, 56.9917

### Protanopia

51.8227, 54.3785, 52.0207

### Deuteranopia

55.1614, 54.0076, 58.5561



## Tritanopia

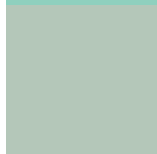
47.0888, 54.8371, 75.8129

# Trichromacy



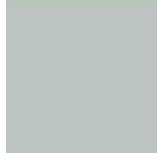
## Original Color

43.1778, 54.6691, 56.9917



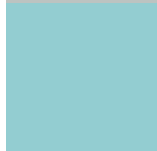
## Protanomaly

48.0028, 54.0529, 53.8022



## Deuteranomaly

49.8798, 53.5718, 58.1635



## Tritanomaly

45.3726, 54.4691, 68.4438

# Monochromacy



## Original Color

43.1778, 54.6691, 56.9917



## Achromatopsia

47.2335, 49.6933, 54.1160



## Achromatomaly

45.3868, 51.3190, 55.0904

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.1778, 54.6691, 56.9917 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(143, 208, 190)` looks like.

```
.text, #text, p{  
    color:rgb(143, 208, 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(143, 208, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 208, 190) }
```

## Border

The CSS property to change the border of an element to XYZ 43.1778, 54.6691, 56.9917 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(143, 208, 190) }
```



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

```
.border{ border-color:rgb(143, 208, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 208, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 208, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 208, 190);  
box-shadow:4px 4px 4px 4px rgb(143, 208,  
190) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.1778, 54.6691, 56.9917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 208, 190) }
```

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

```
.background{ background-color: rgb(143,  
208, 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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