

# Converting Colors

XYZ(44.3138, 51.3462, 59.2050)

Have a look what the booklet for  
XYZ(44.3138, 51.3462, 59.2050)  
contains.

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# **Color**

**XYZ(44.3138, 51.3462,  
59.2050)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0C5C3
RGB	160, 197, 195
RGB Percent	63%, 77%, 76%
CMY	0.3725, 0.2274, 0.2353
CMYK	0.19, 0.00, 0.01, 0.23
HSL	177°, 24%, 70%
HSV	177°, 19%, 77%
XYZ	44.3138, 51.3462, 59.2050
YIQ	185.7090, -21.4100, -8.4660

# Conversions

## Conversions Part 2

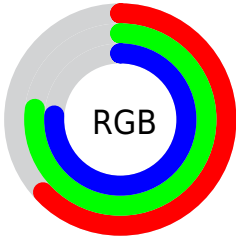
Format	Color
<a href="#">RYB</a>	<a href="#">160, 179, 197</a>
Decimal	<a href="#">10536387</a>
CIELab	<a href="#">76.89, -12.67, -3.09</a>
CIELCh	<a href="#">77, 13.044, 193.698</a>
Yxy	<a href="#">51.3462, 0.2861, 0.3316</a>
Android (android.graphics.Color)	<a href="#">4288726467</a> ( <a href="#">0xFFA0C5C3</a> )
YUV	<a href="#">185.7090, 4.5805, -22.5468</a>
Hunter-Lab	<a href="#">71.6563, -15.0102, 1.1718</a>

# Details

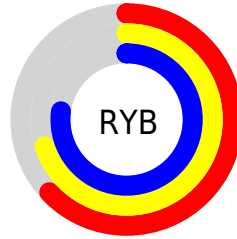
The XYZ color **44.3138, 51.3462, 59.2050** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.1202, 39.6220, 39.6125**, and the grayscale version is **46.4943, 48.9156, 53.2691**.

A 20% lighter version of the original color is **81.0368, 92.3590, 105.6514**, and **20.8145, 24.7562, 28.8807** is the 20% darker color. If you saturate the color by 10%, you get **40.5636, 49.4281, 58.4035**, and if you desaturate by 10%, it is **48.6919, 53.5906, 60.0426**.

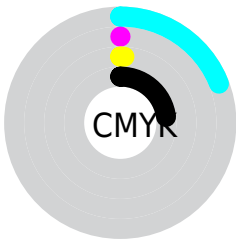
# Distribution



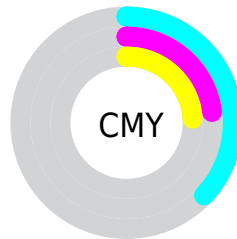
- Red (63%)
- Green (77%)
- Blue (76%)



- Red (63%)
- Yellow (70%)
- Blue (77%)



- Cyan (19%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)




- Cyan (37%)
- Magenta (23%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3138, 51.3462, 59.2050 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 44.3138, 51.3462, 59.2050 by changing the saturation by 10% instead.





 44.3138, 51.3462,  
59.2050


 44.3138, 51.3462,  
59.2050


354.8179,  
391.9074, 439.3842

 31.1163, 36.4842,  
42.3571

 80.9332, 92.1663,  
105.2076

 20.8396, 24.8084,  
29.0533


 105.0857,  
118.8932, 135.1994

 13.1186, 15.9344,  
18.8752


133.6205,  
150.3439, 170.4095

 7.5879, 9.4777,  
11.4043

166.9032,  
186.9027, 211.2565

 3.8819, 5.0541,  
6.2219

205.2988,  
228.9540, 258.1589

 1.6356, 2.2790,  
2.9095

249.1730,

 0.4154, 0.7626,

276.8823, 311.5353

1.0486

298.8909,  
331.0720, 371.8042

■ 0.0000, 0.0000,  
0.0000

■ 44.3138, 51.3462,  
59.2050

■ 44.3138, 51.3462,  
59.2050

■ 40.5636, 49.4281,  
58.4035

■ 48.6919, 53.5906,  
60.0426

■ 37.4076, 47.8149,  
57.6331

■ 53.7208, 56.1690,  
60.9141

■ 34.8155, 46.4923,  
56.8937

■ 59.4278, 59.0969,  
61.8218

■ 32.7527, 45.4425,  
56.1834

■ 65.8373, 62.3868,  
62.7669

■ 31.1808, 44.6457,  
55.5006

■ 71.6714, 65.3800,  
63.6896

■ 30.0562, 44.0793,  
54.8432

■ 71.7967, 65.4301,  
64.3497

■ 29.3276, 43.7170,  
54.2088

■ 71.9230, 65.4806,  
65.0144

■ 28.9104, 43.5151,  
53.5933

■ 72.0501, 65.5315,  
65.6836

■ 28.8665, 43.4941,  
53.5190

■ 72.1780, 65.5827,  
66.3575

# Harmonies

## Analogous

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



44.3664, 51.3462, 52.1596



44.3138, 51.3462, 59.2050



45.4349, 51.3462, 65.8861

# Triad

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



44.3138, 51.3462, 59.2050



52.1731, 51.3462, 66.3772



50.1543, 51.3462, 43.7938

# Complementary

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



44.3138, 51.3462, 59.2050



42.1202, 39.6220, 39.6125

# 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.



52.3336, 51.3462, 46.9906



44.3138, 51.3462, 59.2050



53.5259, 51.3462, 59.8303

# Square

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



44.3138, 51.3462, 59.2050



49.9413, 51.3462, 70.2578



53.5856, 51.3462, 52.7344



47.6822, 51.3462, 43.6574



# Rectangle

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



44.3138, 51.3462, 59.2050



46.7198, 51.3462, 69.0700



53.5856, 51.3462, 52.7344



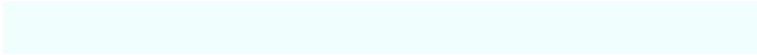
50.9473, 51.3462, 44.5331

# Sweetspot

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



44.3153, 51.3483, 59.2062



89.5104, 97.1596, 107.9463



41.3082, 50.2030, 40.7717



19.0355, 20.7329, 23.0830



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.



44.3153, 51.3483, 59.2062



76.1592, 90.3200, 105.3703



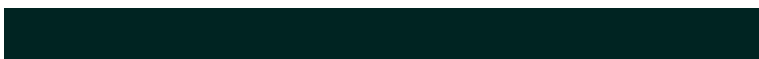
41.0939, 44.5407, 59.2571



10.9210, 12.0573, 13.5340



18.9961, 28.6108, 35.2538



0.9072, 1.3578, 1.7101



# Inverse Universe

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



42.1202, 39.6220, 39.6125



71.4288, 65.0459, 63.1429



44.9048, 45.4739, 39.6693



10.6567, 10.6461, 11.1757



15.1936, 7.8270, 0.9636



0.7277, 0.3739, 0.0893



# Previews

## White Background



This preview shows how the XYZ color 44.3138, 51.3462, 59.2050 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

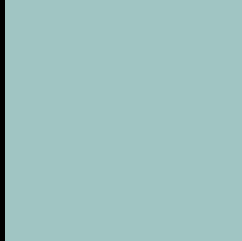
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 44.3138, 51.3462, 59.2050 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

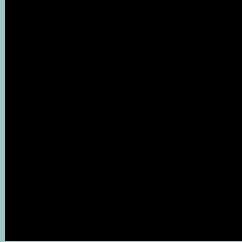
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 44.3138, 51.3462, 59.2050

## Background



This preview shows how black text looks on a background with the XYZ color 44.3138, 51.3462, 59.2050.



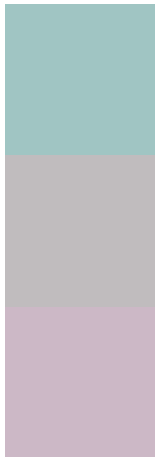
This preview shows how white text looks on a background with the XYZ color 44.3138, 51.3462,



# 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

44.3138, 51.3462, 59.2050

### Protanopia

49.0157, 50.8906, 55.9547

### Deuteranopia

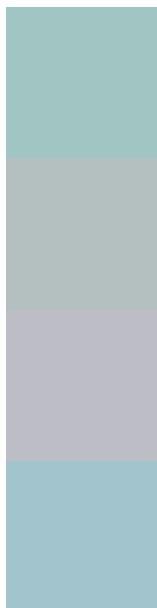
52.2354, 51.1956, 60.5547



## Tritanopia

46.2522, 51.4699, 68.4697

# Trichromacy



## Original Color

44.3138, 51.3462, 59.2050

## Protanomaly

46.9676, 50.7707, 57.1934

## Deuteranomaly

49.0147, 51.1178, 60.1067

## Tritanomaly

45.6597, 51.5690, 65.3049

# Monochromacy



## Original Color

44.3138, 51.3462, 59.2050

## Achromatopsia

46.6715, 49.1021, 53.4722

## Achromatomaly

45.7302, 49.8481, 55.3555

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 44.3138, 51.3462, 59.2050 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(160, 197, 195)` looks like.

```
.text, #text, p{  
    color:rgb(160, 197, 195)  
}
```

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(160, 197, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 197, 195) }
```

## Border

The CSS property to change the border of an element to XYZ 44.3138, 51.3462, 59.2050 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(160, 197, 195) }
```



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

```
.border{ border-color:rgb(160, 197, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 197, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 197, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 197, 195);  
box-shadow:4px 4px 4px 4px rgb(160, 197,  
195) }
```

# Background

The CSS property to change the background color of an element to XYZ 44.3138, 51.3462, 59.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 197, 195) }
```

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

```
.background{ background-color: rgb(160,  
197, 195) }
```

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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