

# Converting Colors

XYZ(43.1378, 61.4140, 82.2535)

Have a look what the booklet for  
XYZ(43.1378, 61.4140, 82.2535)  
contains.

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# Color

**XYZ(43.1378, 61.4140,  
82.2535)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BE3E3
RGB	59, 227, 227
RGB Percent	23%, 89%, 89%
CMY	0.7686, 0.1098, 0.1098
CMYK	0.74, 0.00, 0.00, 0.11
HSL	180°, 75%, 56%
HSV	180°, 74%, 89%
XYZ	43.1378, 61.4140, 82.2535
YIQ	176.7680, -100.1280, -35.6160

# Conversions

## Conversions Part 2

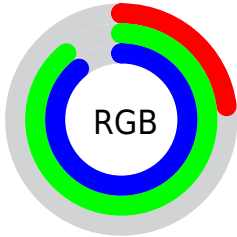
Format	Color
R <sub>YB</sub>	59, 143, 227
Decimal	3924963
CIE Lab	82.60, -40.76, -12.15
CIE LCh	83, 42.529, 196.597
Yxy	61.4140, 0.2309, 0.3288
Android (android.graphics.Color)	4282115043 (0xFF3BE3E3)
YUV	176.7680, 24.7644, -103.2825
Hunter-Lab	78.3671, -38.8856, -7.3734

# Details

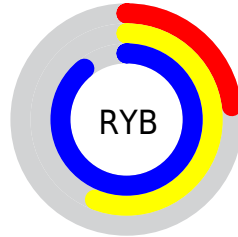
The XYZ color **43.1378, 61.4140, 82.2535** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **34.0339, 19.7765, 6.1629**, and the grayscale version is **41.5826, 43.7482, 47.6418**.

A 20% lighter version of the original color is **63.4829, 83.7265, 107.4227**, and **22.0093, 32.1044, 44.0665** is the 20% darker color. If you saturate the color by 10%, you get **42.0738, 60.8668, 82.2049**, and if you desaturate by 10%, it is **44.7900, 62.2671, 82.3324**.

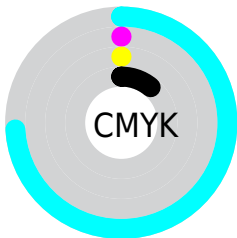
# Distribution



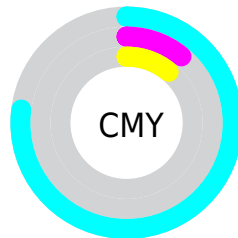
- Red (23%)
- Green (89%)
- Blue (89%)



- Red (23%)
- Yellow (56%)
- Blue (89%)



- Cyan (74%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)




- Cyan (77%)
- Magenta (11%)
- Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1378, 61.4140, 82.2535 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 43.1378, 61.4140, 82.2535 by changing the saturation by 10% instead.





 43.1378, 61.4140,  
82.2535


 43.1378, 61.4140,  
82.2535

350.0901,  
429.7903, 522.4009


 30.1882, 44.5594,  
61.0375


 79.1732, 106.8781,  
138.3693

 20.1303, 31.1105,  
43.8247


 102.9897,  
136.2565, 174.1062

 12.5986, 20.6830,  
30.1965

 131.1593,  
170.5781, 215.5204

 7.2278, 12.8925,  
19.7345

 164.0472,  
210.2275, 263.0305

 3.6526, 7.3546,  
12.0200

202.0189,  
255.5890, 317.0551

 1.5075, 3.6848,  
6.6346

245.4397,

 0.3309, 1.4989,

307.0471, 378.0127

3.1597

294.6750,  
364.9860, 446.3218

■ 0.0000, 0.2879,  
1.1767

■ 0.0000, 0.0000,  
0.0000

■ 43.1378, 61.4140,  
82.2535

■ 43.1378, 61.4140,  
82.2535

■ 42.0738, 60.8668,  
82.2049

■ 44.7900, 62.2671,  
82.3324


■ 41.5104, 60.5764,  
82.1784


■ 47.0923, 63.4540,  
82.4403


■ 41.3353, 60.4861,  
82.1701

■ 50.1046, 65.0069,  
82.5815

■ 53.8787, 66.9525,  
82.7583

 58.4616, 69.3151,  
82.9729

 63.8964, 72.1168,  
83.2275

 70.2233, 75.3784,  
83.5237

 77.4797, 79.1192,  
83.8635

 82.5757, 81.7463,  
84.1022

# Harmonies

## Analogous

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



42.9314, 61.4140, 55.8982



43.1378, 61.4140, 82.2535



47.1404, 61.4140, 110.3604

# Triad

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



43.1378, 61.4140, 82.2535



72.0518, 61.4140, 107.6204



62.5289, 61.4140, 28.9670

# Complementary

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



43.1378, 61.4140, 82.2535



34.0339, 19.7765, 6.1629

# 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.



71.2598, 61.4140, 36.6330



43.1378, 61.4140, 82.2535



77.1315, 61.4140, 79.1897

# Square

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



43.1378, 61.4140, 82.2535



63.5221, 61.4140, 127.4162



76.8274, 61.4140, 53.5341



53.5084, 61.4140, 29.3836



# Rectangle

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



43.1378, 61.4140, 82.2535



51.6850, 61.4140, 124.3102



76.8274, 61.4140, 53.5341



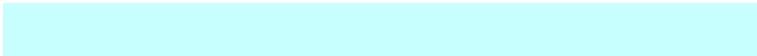
65.6126, 61.4140, 30.5771

# Sweetspot

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



43.1397, 61.4163, 82.2550



77.3366, 90.8684, 108.0705



30.2345, 56.2739, 13.4077



16.1696, 19.2518, 23.1136



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.



43.1397, 61.4163, 82.2550



54.2899, 78.9874, 106.9904



25.9191, 26.9748, 76.5161



14.8075, 16.3364, 18.5171



24.1061, 35.2745, 47.9203



1.7814, 2.6067, 3.5412



# Inverse Universe

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



34.0339, 19.7765, 6.1629



41.8667, 22.1770, 3.1759



41.8778, 35.4642, 8.7773



14.3771, 14.3680, 14.9200



18.4751, 9.5242, 0.8647

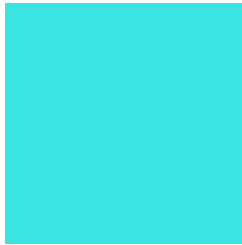


1.3652, 0.7038, 0.0639



# Previews

## White Background



This preview shows how the XYZ color 43.1378, 61.4140, 82.2535 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

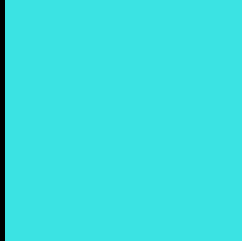
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 43.1378, 61.4140, 82.2535 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

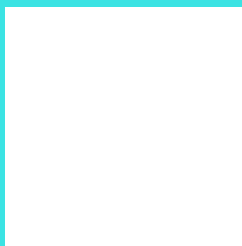
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 43.1378, 61.4140, 82.2535**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.1378, 61.4140, 82.2535.



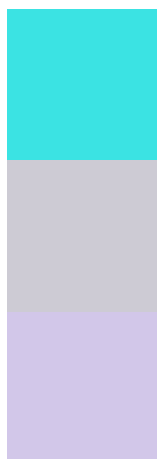
This preview shows how white text looks on a background with the XYZ color 43.1378, 61.4140,



# 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

43.1378, 61.4140, 82.2535

### Protanopia

58.4164, 60.4445, 70.8754

### Deuteranopia

61.7097, 60.4317, 85.5028



## Tritanopia

45.6287, 61.6236, 94.2837

# Trichromacy



## Original Color

43.1378, 61.4140, 82.2535



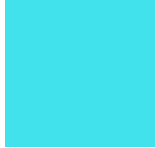
## Protanomaly

49.0168, 58.7721, 74.4063



## Deuteranomaly

50.7418, 58.3390, 84.1875



## Tritanomaly

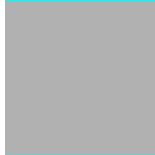
44.7292, 61.6654, 89.6659

# Monochromacy



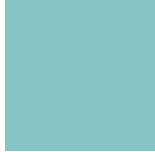
## Original Color

43.1378, 61.4140, 82.2535



## Achromatopsia

41.7894, 43.9657, 47.8787



## Achromatomaly

39.1969, 48.0387, 58.8363

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.1378, 61.4140, 82.2535 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(59, 227, 227)` looks like.

```
.text, #text, p{  
  color:rgb(59, 227, 227)  
}
```

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(59, 227, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 227, 227) }
```

## Border

The CSS property to change the border of an element to XYZ 43.1378, 61.4140, 82.2535 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(59, 227, 227) }
```



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

```
.border{ border-color:rgb(59, 227, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 227, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 227, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 227, 227);  
box-shadow:4px 4px 4px 4px rgb(59, 227,  
227) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.1378, 61.4140, 82.2535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 227, 227) }
```

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

```
.background{ background-color: rgb(59, 227,  
227) }
```

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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