

Converting Colors

XYZ(43.1658, 59.3956, 83.3182)

Have a look what the booklet for
XYZ(43.1658, 59.3956, 83.3182)
contains.

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Color

**XYZ(43.1658, 59.3956,
83.3182)**

Conversions

Conversions Part 1

Format	Color
Hex	4BDEE5
RGB	75, 222, 229
RGB Percent	29%, 87%, 90%
CMY	0.7058, 0.1294, 0.1020
CMYK	0.67, 0.03, 0.00, 0.10
HSL	183°, 75%, 60%
HSV	183°, 67%, 90%
XYZ	43.1658, 59.3956, 83.3182
YIQ	178.8450, -89.8590, -28.9870

Conversions

Conversions Part 2

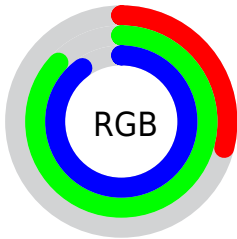
Format	Color
RYB	75, 150, 229
Decimal	4972261
CIELab	81.51, -35.97, -14.81
CIELCh	82, 38.897, 202.386
Yxy	59.3956, 0.2322, 0.3195
Android (android.graphics.Color)	4283162341 (0xFF4BDEE5)
YUV	178.8450, 24.7264, -91.0721
Hunter-Lab	77.0685, -34.8928, -10.1500

Details

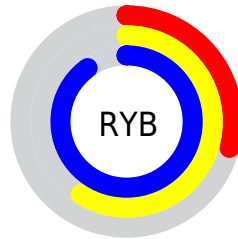
The XYZ color **43.1658, 59.3956, 83.3182** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **36.6017, 23.2021, 9.2075**, and the grayscale version is **42.6742, 44.8966, 48.8924**.

A 20% lighter version of the original color is **64.9653, 84.4908, 107.4921**, and **21.2762, 30.3284, 44.7770** is the 20% darker color. If you saturate the color by 10%, you get **41.4115, 58.0834, 83.1585**, and if you desaturate by 10%, it is **45.5697, 61.0478, 83.5115**.

Distribution



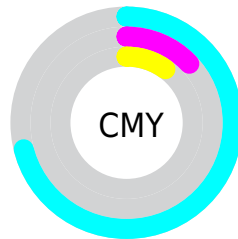
- Red (29%)
- Green (87%)
- Blue (90%)



- Red (29%)
- Yellow (59%)
- Blue (90%)



- Cyan (67%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)





- Cyan (71%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1658, 59.3956, 83.3182 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 43.1658, 59.3956, 83.3182 by changing the saturation by 10% instead.


 43.1658, 59.3956,
83.3182


 43.1658, 59.3956,
83.3182


350.2031,
422.3664, 526.0451


 30.2103, 42.9317,
61.9106


 79.2152, 103.9524,
139.8743


 20.1471, 29.8315,
44.5251


 103.0397,
132.8141, 175.8597

 12.6109, 19.7107,
30.7433


 131.2180,
166.5771, 217.5416

 7.2363, 12.1849,
20.1466

 164.1154,
205.6259, 265.3383

 3.6580, 6.8698,
12.3166

202.0973,
250.3448, 319.6685

 1.5105, 3.3808,
6.8345

245.5290,

 0.3330, 1.3336,

301.1182, 380.9507

3.2819

294.7758,
358.3306, 449.6034

■ 0.0000, 0.1670,
1.2403

■ 0.0000, 0.0000,
0.0121

■ 43.1658, 59.3956,
83.3182

■ 43.1658, 59.3956,
83.3182

■ 41.4115, 58.0834,
83.1585

■ 45.5697, 61.0478,
83.5115

■ 40.2284, 57.0670,
83.0246


■ 48.6800, 63.0653,
83.7370


■ 39.5226, 56.2991,
82.9136


■ 52.5531, 65.4787,
83.9987


■ 39.3690, 56.1090,
82.8850


■ 57.2386, 68.3134,
84.2989

 62.7817, 71.5928,
84.6397

 69.2243, 75.3384,
85.0231

 76.6056, 79.5705,
85.4510

 83.7715, 83.6941,
85.8692

 84.0625, 84.2762,
85.9662

Harmonies

Analogous

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



42.2995, 59.3956, 58.9045



43.1658, 59.3956, 83.3182



47.4175, 59.3956, 107.1454

Triad

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



43.1658, 59.3956, 83.3182



69.8022, 59.3956, 96.1202



58.5561, 59.3956, 29.6020

Complementary

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



43.1658, 59.3956, 83.3182



36.6017, 23.2021, 9.2075

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.



66.5707, 59.3956, 35.2321



43.1658, 59.3956, 83.3182



73.4582, 59.3956, 70.8036

Square

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



43.1658, 59.3956, 83.3182



62.6360, 59.3956, 115.6906



72.2220, 59.3956, 49.0381



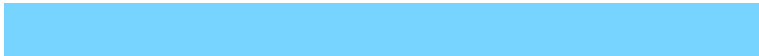
50.6923, 59.3956, 31.4119

Rectangle

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



43.1658, 59.3956, 83.3182



51.8424, 59.3956, 117.5847



72.2220, 59.3956, 49.0381



61.3308, 59.3956, 30.6286

Sweetspot

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



43.1676, 59.3978, 83.3196



77.9769, 90.1075, 107.8904



32.3753, 58.1170, 17.1283



16.2574, 19.0310, 23.0664



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.



43.1676, 59.3978, 83.3196



52.1286, 73.5360, 106.0541



27.4593, 27.9812, 78.0835



14.7484, 16.2182, 18.4974



22.5338, 32.1297, 47.3972



1.6826, 2.4092, 3.5083

Inverse Universe

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



48.0156, 26.9658, 71.7839



58.8907, 30.0410, 89.5726



45.6643, 41.3272, 12.2284



14.9653, 14.6033, 18.0178



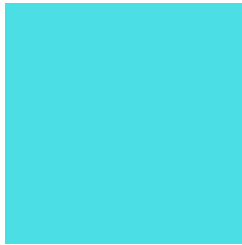
25.7675, 12.4412, 39.2663



1.9129, 0.9229, 2.9480

Previews

White Background



This preview shows how the XYZ color 43.1658, 59.3956, 83.3182 looks on a white background.

Color Contrast Check

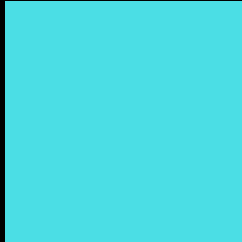
Large Text (above 18pt) WCAG AA × Fail

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 43.1658, 59.3956, 83.3182 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 43.1658, 59.3956, 83.3182

Background



This preview shows how black text looks on a background with the XYZ color 43.1658, 59.3956, 83.3182.

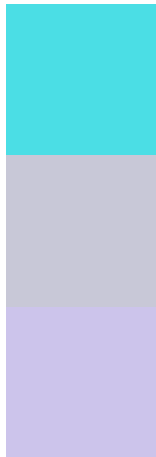


This preview shows how white text looks on a background with the XYZ color 43.1658, 59.3956,

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

43.1658, 59.3956, 83.3182

Protanopia

56.7394, 58.4942, 72.5900

Deuteranopia

59.6372, 58.3154, 86.7100



Tritanopia

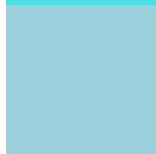
44.5973, 59.5914, 90.0407

Trichromacy



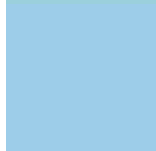
Original Color

43.1658, 59.3956, 83.3182



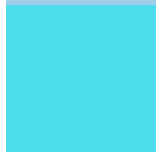
Protanomaly

48.9917, 57.2476, 76.1779



Deuteranomaly

50.4439, 56.7139, 85.3790



Tritanomaly

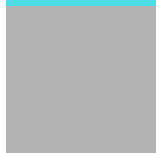
43.9937, 59.3308, 87.7305

Monochromacy



Original Color

43.1658, 59.3956, 83.3182



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

40.5777, 48.7242, 60.0894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1658, 59.3956, 83.3182 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(75, 222, 229)` looks like.

```
.text, #text, p{  
    color:rgb(75, 222, 229)  
}
```

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(75, 222, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 222, 229) }
```

Border

The CSS property to change the border of an element to XYZ 43.1658, 59.3956, 83.3182 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(75, 222, 229) }
```


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

```
.border{ border-color:rgb(75, 222, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 222, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 222, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 222, 229);  
box-shadow:4px 4px 4px 4px rgb(75, 222,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1658, 59.3956, 83.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 222, 229) }
```

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

```
.background{ background-color: rgb(75, 222,  
229) }
```

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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