

Converting Colors

XYZ(43.1319, 59.6289, 84.4985)

Have a look what the booklet for
XYZ(43.1319, 59.6289, 84.4985)
contains.

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Color

**XYZ(43.2657, 59.8101,
84.8655)**

Conversions

Conversions Part 1

Format	Color
Hex	45DFE7
RGB	69, 223, 231
RGB Percent	27%, 87%, 91%
CMY	0.7294, 0.1255, 0.0941
CMYK	0.70, 0.03, 0.00, 0.09
HSL	183°, 77%, 59%
HSV	183°, 70%, 91%
XYZ	43.2657, 59.8101, 84.8655
YIQ	177.8660, -94.3520, -30.1600

Conversions

Conversions Part 2

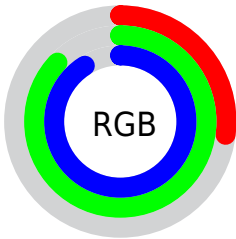
Format	Color
RYB	69, 148, 231
Decimal	4579303
CIELab	81.73, -36.65, -15.55
CIELCh	82, 39.808, 202.992
Yxy	59.8101, 0.2302, 0.3182
Android (android.graphics.Color)	4282769383 (0xFF45DFE7)
YUV	177.8660, 26.1951, -95.4755
Hunter-Lab	77.3370, -35.4790, -10.9258

Details

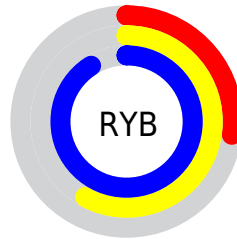
The XYZ color **43.2657, 59.8101, 84.8655** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **36.6844, 22.7278, 8.0852**, and the grayscale version is **42.1500, 44.3451, 48.2918**.

A 20% lighter version of the original color is **64.4575, 84.2290, 107.4683**, and **21.5566, 30.7326, 45.3533** is the 20% darker color. If you saturate the color by 10%, you get **41.6315, 58.5181, 84.7033**, and if you desaturate by 10%, it is **45.5430, 61.4393, 85.0610**.

Distribution



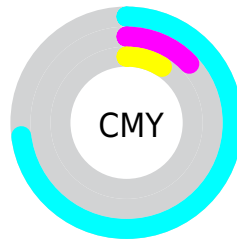
- Red (27%)
- Green (87%)
- Blue (91%)



- Red (27%)
- Yellow (58%)
- Blue (91%)



- Cyan (70%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)




- Cyan (73%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2657, 59.8101, 84.8655 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 43.2657, 59.8101, 84.8655 by changing the saturation by 10% instead.


 43.2657, 59.8101,
84.8655


 43.2657, 59.8101,
84.8655


350.6063,
423.8975, 531.3159


 30.2891, 43.2656,
63.1807


 79.3649, 104.5541,
142.0577


 20.2073, 30.0936,
45.5455


 103.2181,
133.5225, 178.4023

 12.6549, 19.9096,
31.5412


 131.4276,
167.4008, 220.4705

 7.2667, 12.3294,
20.7494

 164.3587,
206.5737, 268.6810

 3.6773, 6.9684,
12.7515

202.3768,
251.4254, 323.4522

 1.5212, 3.4423,
7.1289

245.8472,

 0.3402, 1.3668,

302.3403, 385.2028

3.4632

295.1353,
359.7029, 454.3511

■ 0.0000, 0.1921,
1.3357

■ 0.0000, 0.0000,
0.0908

■ 43.2657, 59.8101,
84.8655

■ 43.2657, 59.8101,
84.8655

■ 41.6315, 58.5181,
84.7033

■ 45.5430, 61.4393,
85.0610


■ 40.5562, 57.5159,
84.5666


■ 48.5241, 63.4331,
85.2888


■ 39.9113, 56.7442,
84.4516


■ 52.2687, 65.8235,
85.5528


■ 56.8288, 68.6374,
85.8556

 62.2518, 71.8992,
86.1994

 68.5813, 75.6314,
86.5861

 75.8581, 79.8551,
87.0179

 84.1205, 84.5900,
87.4963

 84.8789, 85.4594,
87.6242

Harmonies

Analogous

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



42.3060, 59.8101, 59.6530



43.2657, 59.8101, 84.8655



47.6888, 59.8101, 109.3687

Triad

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



43.2657, 59.8101, 84.8655



70.7122, 59.8101, 97.0410



58.8365, 59.8101, 29.2160

Complementary

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



43.2657, 59.8101, 84.8655



36.6844, 22.7278, 8.0852

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.



67.1100, 59.8101, 34.7828



43.2657, 59.8101, 84.8655



74.3897, 59.8101, 70.9176

Square

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



43.2657, 59.8101, 84.8655



63.3777, 59.8101, 117.5187



73.0106, 59.8101, 48.7076



50.7824, 59.8101, 31.2062

Rectangle

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



43.2657, 59.8101, 84.8655



52.2631, 59.8101, 119.9785



73.0106, 59.8101, 48.7076



61.6929, 59.8101, 30.2079

Sweetspot

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



43.2675, 59.8123, 84.8669



77.1809, 89.5446, 107.8237



32.2812, 58.9182, 16.2221



16.0994, 18.9147, 23.0523



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.



43.2675, 59.8123, 84.8669



51.4349, 72.6442, 105.9186



26.9442, 27.1657, 79.4258



14.7433, 16.2080, 18.4957



22.4023, 31.8666, 47.3533



1.6743, 2.3926, 3.5055

Inverse Universe

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



48.4040, 26.5745, 72.3927



58.4197, 29.3895, 88.5197



45.8189, 40.9968, 11.1301



14.9628, 14.6023, 18.0043



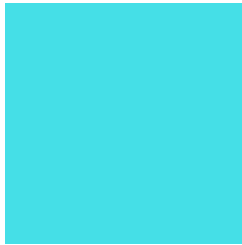
25.7011, 12.4147, 38.9167



1.9087, 0.9212, 2.9259

Previews

White Background



This preview shows how the XYZ color 43.2657, 59.8101, 84.8655 looks on a white background.

Color Contrast Check

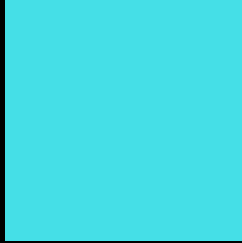
Large Text (above 18pt) WCAG AA × Fail

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 43.2657, 59.8101, 84.8655 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 43.2657, 59.8101, 84.8655

Background



This preview shows how black text looks on a background with the XYZ color 43.2657, 59.8101, 84.8655.

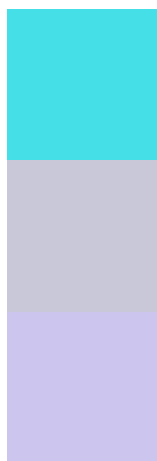


This preview shows how white text looks on a background with the XYZ color 43.2657, 59.8101,

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

43.2657, 59.8101, 84.8655

Protanopia

57.2661, 58.7358, 73.9645

Deuteranopia

60.1542, 58.8843, 88.3161



Tritanopia

44.6735, 59.9897, 91.6627

Trichromacy



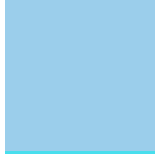
Original Color

43.2657, 59.8101, 84.8655



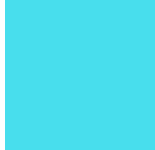
Protanomaly

48.8776, 57.1580, 77.5637



Deuteranomaly

50.5843, 57.1093, 86.9544



Tritanomaly

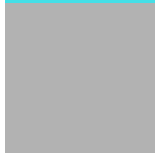
44.0798, 59.7347, 89.3275

Monochromacy



Original Color

43.2657, 59.8101, 84.8655



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

39.8511, 48.0181, 59.9914

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2657, 59.8101, 84.8655 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(69, 223, 231)` looks like.

```
.text, #text, p{  
    color:rgb(69, 223, 231)  
}
```

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(69, 223, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 223, 231) }
```

Border

The CSS property to change the border of an element to XYZ 43.2657, 59.8101, 84.8655 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(69, 223, 231) }
```


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

```
.border{ border-color:rgb(69, 223, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 223, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 223, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 223, 231);  
box-shadow:4px 4px 4px 4px rgb(69, 223,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2657, 59.8101, 84.8655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 223, 231) }
```

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

```
.background{ background-color: rgb(69, 223,  
231) }
```

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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