

Converting Colors

XYZ(43.1786, 68.6530, 58.9143)

Have a look what the booklet for
XYZ(43.1786, 68.6530, 58.9143)
contains.

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Color

**XYZ(43.2858, 68.8321,
59.1486)**

Conversions

Conversions Part 1

Format	Color
Hex	3FF3BD
RGB	63, 243, 189
RGB Percent	25%, 95%, 74%
CMY	0.7529, 0.0470, 0.2588
CMYK	0.74, 0.00, 0.22, 0.05
HSL	162°, 88%, 60%
HSV	162°, 74%, 95%
XYZ	43.2858, 68.8321, 59.1486
YIQ	183.0240, -89.9460, -54.9540

Conversions

Conversions Part 2

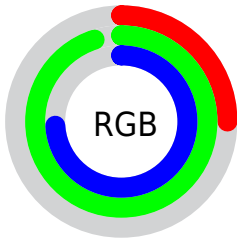
Format	Color
RYB	63, 169, 243
Decimal	4191165
CIELab	86.42, -56.78, 13.40
CIELCh	86, 58.343, 166.724
Yxy	68.8321, 0.2527, 0.4019
Android (android.graphics.Color)	4282381245 (0xFF3FF3BD)
YUV	183.0240, 2.9462, -105.2610
Hunter-Lab	82.9651, -52.0593, 15.8058

Details

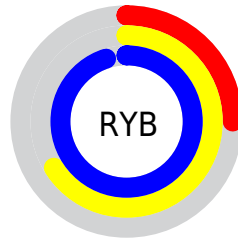
The XYZ color **43.2858, 68.8321, 59.1486** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **41.9529, 23.8958, 19.2336**, and the grayscale version is **45.0447, 47.3905, 51.6083**.

A 20% lighter version of the original color is **62.2331, 83.2635, 99.1776**, and **22.0028, 36.8954, 29.2544** is the 20% darker color. If you saturate the color by 10%, you get **41.2911, 67.8947, 55.0285**, and if you desaturate by 10%, it is **46.0082, 70.1435, 63.5135**.

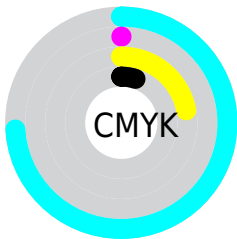
Distribution



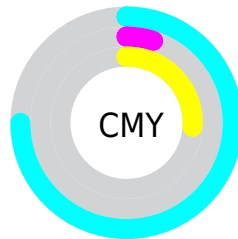
- Red (25%)
- Green (95%)
- Blue (74%)



- Red (25%)
- Yellow (66%)
- Blue (95%)



- Cyan (74%)
- Magenta (0%)
- Yellow (22%)
- Black (5%)





- Cyan (75%)
- Magenta (5%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2858, 68.8321, 59.1486 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 43.2858, 68.8321, 59.1486 by changing the saturation by 10% instead.


 43.2858, 68.8321,
59.1486


 43.2858, 68.8321,
59.1486


350.6874,
456.4386, 439.1696


 30.3049, 50.5750,
42.3120


 79.3950, 117.5417,
105.1249

 20.2194, 35.8705,
29.0182

 103.2540,
148.7630, 135.1015

 12.6638, 24.3342,
18.8489


 131.4698,
185.0745, 170.2953

 7.2728, 15.5817,
11.3855

 164.4077,
226.8606, 211.1247

 3.6812, 9.2286,
6.2093

202.4330,
274.5056, 258.0083

 1.5234, 4.8906,
2.9019

245.9112,

 0.3417, 2.1832,

328.3941, 311.3647

1.0448

295.2075,
388.9102, 371.6122

■ 0.0000, 0.7108,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.2858, 68.8321,
59.1486

■ 43.2858, 68.8321,
59.1486

■ 41.2911, 67.8947,
55.0285

■ 46.0082, 70.1435,
63.5135


■ 39.9204, 67.2727,
51.1408


■ 49.5332, 71.8623,
68.1250


■ 39.3169, 67.0096,
48.9412


■ 53.9323, 74.0270,
72.9911


■ 59.2672, 76.6693,
78.1172

 65.5939, 79.8180,
83.5090

 72.9640, 83.4998,
89.1715

 81.4255, 87.7391,
95.1096

 90.1307, 92.0992,
101.2863

 91.2801, 92.5589,
107.3392

Harmonies

Analogous

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



48.2972, 68.8321, 34.6856



43.2858, 68.8321, 59.1486



43.5932, 68.8321, 98.4190

Triad

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



43.2858, 68.8321, 59.1486



73.1741, 68.8321, 170.9747



84.8635, 68.8321, 32.8292

Complementary

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



43.2858, 68.8321, 59.1486



41.9529, 23.8958, 19.2336

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.



93.5407, 68.8321, 55.5384



43.2858, 68.8321, 59.1486



86.1826, 68.8321, 138.2747

Square

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



43.2858, 68.8321, 59.1486



59.6451, 68.8321, 172.9868



94.0541, 68.8321, 93.3331



71.5621, 68.8321, 23.4036

Rectangle

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



43.2858, 68.8321, 59.1486



46.7571, 68.8321, 128.7189



94.0541, 68.8321, 93.3331



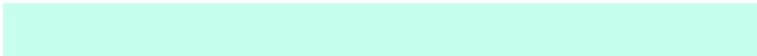
88.4931, 68.8321, 38.7249

Sweetspot

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



43.2877, 68.8348, 59.1502



74.7441, 89.8314, 94.4190



40.6958, 68.4561, 15.7721



15.5498, 19.0039, 19.8496



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.



43.2877, 68.8348, 59.1502



45.2004, 75.3516, 59.1259



41.2764, 53.6238, 92.9721



16.7725, 18.6682, 20.0865



21.6401, 36.8009, 27.1882



1.9472, 3.2525, 2.6279

Inverse Universe

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



41.9529, 23.8958, 19.2336



43.7742, 22.9400, 13.2206



42.0444, 27.7813, 7.8500



16.7037, 16.5643, 18.1864



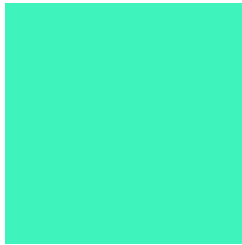
20.9963, 10.7419, 4.6887



1.8889, 0.9615, 0.6411

Previews

White Background



This preview shows how the XYZ color 43.2858, 68.8321, 59.1486 looks on a white background.

Color Contrast Check

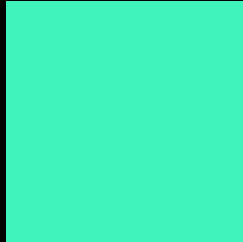
Large Text (above 18pt) WCAG AA × Fail

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 43.2858, 68.8321, 59.1486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

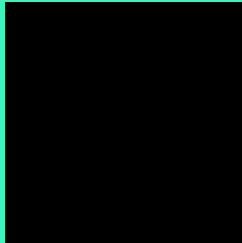
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

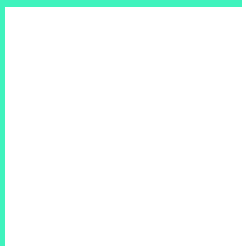
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.2858, 68.8321, 59.1486

Background



This preview shows how black text looks on a background with the XYZ color 43.2858, 68.8321, 59.1486.

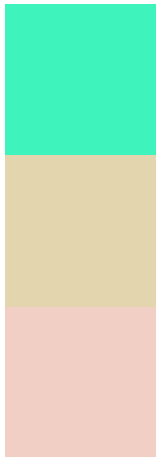


This preview shows how white text looks on a background with the XYZ color 43.2858, 68.8321,

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

43.2858, 68.8321, 59.1486

Protanopia

63.4630, 67.5192, 50.2451

Deuteranopia

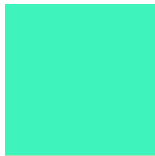
68.6665, 67.3576, 62.2055



Tritanopia

51.8718, 68.3704, 103.3914

Trichromacy



Original Color

43.2858, 68.8321, 59.1486



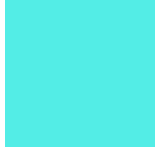
Protanomaly

51.0998, 65.3612, 53.1027



Deuteranomaly

53.2353, 64.3115, 60.6465



Tritanomaly

48.1344, 68.1205, 85.4745

Monochromacy



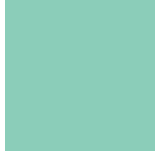
Original Color

43.2858, 68.8321, 59.1486



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

41.2357, 52.6544, 53.8889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2858, 68.8321, 59.1486 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(63, 243, 189)` looks like.

```
.text, #text, p{  
    color:rgb(63, 243, 189)  
}
```

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(63, 243, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 243, 189) }
```

Border

The CSS property to change the border of an element to XYZ 43.2858, 68.8321, 59.1486 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(63, 243, 189) }
```


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

```
.border{ border-color:rgb(63, 243, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 243, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 243, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 243, 189);  
box-shadow:4px 4px 4px 4px rgb(63, 243,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2858, 68.8321, 59.1486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 243, 189) }
```

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

```
.background{ background-color: rgb(63, 243,  
189) }
```

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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