

Converting Colors

XYZ(43.4448, 62.9894, 88.1630)

Have a look what the booklet for
XYZ(43.4448, 62.9894, 88.1630)
contains.

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Color

**XYZ(43.5713, 63.1500,
88.4900)**

Conversions

Conversions Part 1

Format	Color
Hex	00E7EB
RGB	0, 231, 235
RGB Percent	0%, 91%, 92%
CMY	0.9998, 0.0941, 0.0784
CMYK	1.00, 0.02, 0.00, 0.08
HSL	181°, 100%, 46%
HSV	181°, 100%, 92%
XYZ	43.5713, 63.1500, 88.4900
YIQ	162.3870, -138.9600, -47.7280

Conversions

Conversions Part 2

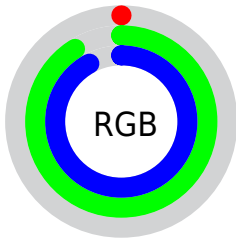
Format	Color
RYB	0, 116, 235
Decimal	59371
CIELab	83.52, -43.44, -15.05
CIELCh	84, 45.976, 199.112
Yxy	63.1500, 0.2232, 0.3235
Android (android.graphics.Color)	4278249451 (0xFF00E7EB)
YUV	162.3870, 35.7982, -142.4134
Hunter-Lab	79.4670, -41.1966, -10.3952

Details

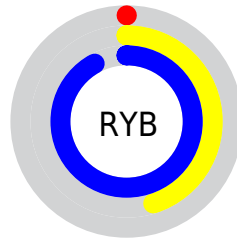
The XYZ color **43.5713, 63.1500, 88.4900** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **34.3059, 17.7507, 1.6199**, and the grayscale version is **34.4174, 36.2098, 39.4325**.

A 20% lighter version of the original color is **60.8802, 82.3848, 107.3009**, and **23.4667, 33.9146, 47.9572** is the 20% darker color. If you saturate the color by 10%, you get **43.5722, 63.1514, 88.4914**, and if you desaturate by 10%, it is **44.0509, 63.5649, 88.5460**.

Distribution



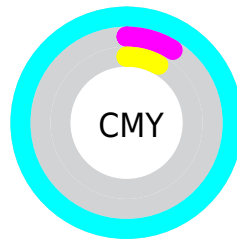
- Red (0%)
- Green (91%)
- Blue (92%)



- Red (0%)
- Yellow (45%)
- Blue (92%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)





- Cyan (100%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5713, 63.1500, 88.4900 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 43.5713, 63.1500, 88.4900 by changing the saturation by 10% instead.


 43.5713, 63.1500,
88.4900


 43.5713, 63.1500,
88.4900


351.8378,
436.1137, 543.5494


 30.5301, 45.9626,
66.1623


 79.8226, 109.3859,
147.1563


 20.3914, 32.2163,
47.9469

 103.7634,
139.2031, 184.3319


 12.7898, 21.5268,
33.4251


 132.0681,
173.9991, 227.2940

 7.3599, 13.5096,
22.1785

 165.1021,
214.1582, 276.4610

 3.7365, 7.7804,
13.7886

 203.2307,
260.0648, 332.2515

 1.5542, 3.9547,
7.8367

246.8193,

 0.3623, 1.6483,

312.1033, 395.0841

3.9044

296.2332,
370.6581, 465.3772

■ 0.0000, 0.3898,
1.5730

■ 0.0000, 0.0000,
0.2715

■ 43.5713, 63.1500,
88.4900

■ 43.5713, 63.1500,
88.4900

■ 43.5722, 63.1514,
88.4914

■ 44.0509, 63.5649,
88.5460

■ 44.9720, 64.2065,
88.6213

■ 46.4760, 65.1490,
88.7239

■ 48.6447, 66.4345,
88.8578

■ 51.5473, 68.0987,
89.0260

■ 55.2438, 70.1726,
89.2315

■ 59.7885, 72.6842,
89.4767

■ 65.2307, 75.6587,
89.7640

■ 71.6158, 79.1198,
90.0956

Harmonies

Analogous

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



42.9953, 63.1500, 58.8389



43.5713, 63.1500, 88.4900



48.2549, 63.1500, 119.5790

Triad

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



43.5713, 63.1500, 88.4900



75.8260, 63.1500, 111.6555



63.7419, 63.1500, 27.5123

Complementary

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



43.5713, 63.1500, 88.4900



34.3059, 17.7507, 1.6199

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.



73.5620, 63.1500, 34.8679



43.5713, 63.1500, 88.4900



81.0383, 63.1500, 79.7371

Square

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



43.5713, 63.1500, 88.4900



66.5652, 63.1500, 135.3215



80.1664, 63.1500, 52.2043



53.9226, 63.1500, 28.6413

Rectangle

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



43.5713, 63.1500, 88.4900



53.4008, 63.1500, 134.4033



80.1664, 63.1500, 52.2043



67.1694, 63.1500, 28.9694

Sweetspot

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



43.5732, 63.1523, 88.4915



71.8711, 87.4364, 107.6966



29.7313, 59.4267, 10.0177



14.8615, 18.4276, 23.0235



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.



43.5732, 63.1523, 88.4915



52.4412, 76.0023, 106.5137



20.9705, 17.9468, 80.9573



15.4944, 17.0753, 19.4015



24.2598, 35.1666, 49.2522



1.9120, 2.7755, 3.8698

Inverse Universe

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



48.6864, 23.4335, 77.5608



58.5991, 28.2036, 93.3417



41.1536, 31.4462, 3.9025



15.7031, 15.3091, 18.9879



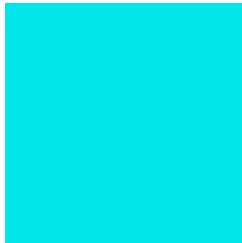
27.1005, 13.0429, 43.1923



2.1316, 1.0256, 3.4104

Previews

White Background



This preview shows how the XYZ color 43.5713, 63.1500, 88.4900 looks on a white background.

Color Contrast Check

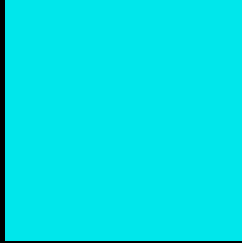
Large Text (above 18pt) WCAG AA × Fail

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 43.5713, 63.1500, 88.4900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

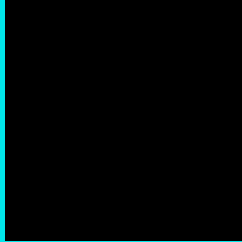
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

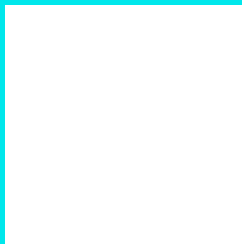
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.5713, 63.1500, 88.4900

Background



This preview shows how black text looks on a background with the XYZ color 43.5713, 63.1500, 88.4900.

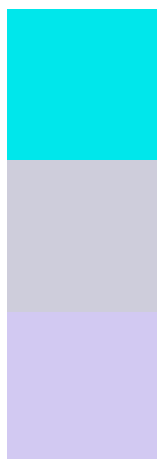


This preview shows how white text looks on a background with the XYZ color 43.5713, 63.1500,

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

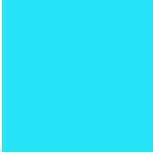
43.5713, 63.1500, 88.4900

Protanopia

60.0711, 61.8989, 75.7994

Deuteranopia

63.4920, 61.8857, 92.6032



Tritanopia

45.7619, 63.2280, 98.5993

Trichromacy



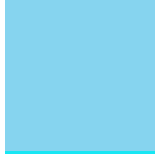
Original Color

43.5713, 63.1500, 88.4900



Protanomaly

46.9972, 58.3547, 80.0207



Deuteranomaly

48.9550, 58.3873, 90.3510



Tritanomaly

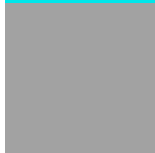
44.8512, 63.2589, 94.6403

Monochromacy



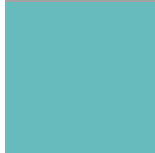
Original Color

43.5713, 63.1500, 88.4900



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

32.5492, 42.0983, 54.5544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5713, 63.1500, 88.4900 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(0, 231, 235)` looks like.

```
.text, #text, p{  
    color:rgb(0, 231, 235)  
}
```

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(0, 231, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 231, 235) }
```

Border

The CSS property to change the border of an element to XYZ 43.5713, 63.1500, 88.4900 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(0, 231, 235) }
```


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

```
.border{ border-color:rgb(0, 231, 235) }
```

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

Here you see how a box with a 4 pixel rgb(0, 231, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 231, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 231, 235);  
box-shadow:4px 4px 4px 4px rgb(0, 231,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5713, 63.1500, 88.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 231, 235) }
```

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

```
.background{ background-color: rgb(0, 231,  
235) }
```

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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