

Converting Colors

XYZ(43.3955, 60.9678, 93.2457)

Have a look what the booklet for
XYZ(43.3955, 60.9678, 93.2457)
contains.

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Color

**XYZ(43.3893, 60.8891,
93.4703)**

Conversions

Conversions Part 1

Format	Color
Hex	0DE2F2
RGB	13, 226, 242
RGB Percent	5%, 89%, 95%
CMY	0.9488, 0.1137, 0.0510
CMYK	0.95, 0.07, 0.00, 0.05
HSL	184°, 90%, 50%
HSV	184°, 95%, 95%
XYZ	43.3893, 60.8891, 93.4703
YIQ	164.1370, -132.0840, -40.1800

Conversions

Conversions Part 2

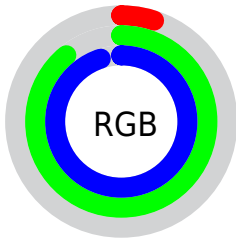
Format	Color
RYB	13, 123, 242
Decimal	910066
CIELab	82.32, -38.80, -20.56
CIELCh	82, 43.910, 207.925
Yxy	60.8891, 0.2194, 0.3079
Android (android.graphics.Color)	4279100146 (0xFF0DE2F2)
YUV	164.1370, 38.3865, -132.5471
Hunter-Lab	78.0315, -37.3004, -16.3987

Details

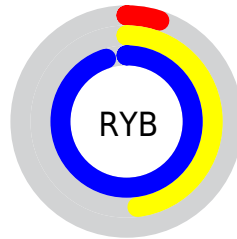
The XYZ color **43.3893, 60.8891, 93.4703** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light saturated cyan. A complement of this color would be **37.1320, 19.7879, 2.2449**, and the grayscale version is **35.2280, 37.0626, 40.3612**.

A 20% lighter version of the original color is **61.1461, 82.5219, 107.3133**, and **23.2377, 32.2946, 51.4631** is the 20% darker color. If you saturate the color by 10%, you get **42.9771, 60.3106, 93.3815**, and if you desaturate by 10%, it is **44.4586, 62.1276, 93.6542**.

Distribution



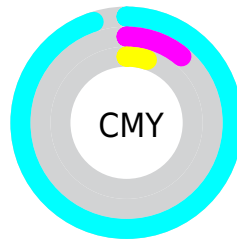
- Red (5%)
- Green (89%)
- Blue (95%)



- Red (5%)
- Yellow (48%)
- Blue (95%)



- Cyan (95%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)





- Cyan (95%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3893, 60.8891, 93.4703 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 43.3893, 60.8891, 93.4703 by changing the saturation by 10% instead.

 43.3893, 60.8891,
93.4703


 43.3893, 60.8891,
93.4703


351.1048,
427.8673, 560.1149


 30.3865, 44.1357,
70.2726


 79.5501, 106.1183,
154.1269


 20.2817, 30.7772,
51.2706

 103.4387,
135.3630, 192.4229


 12.7094, 20.4292,
36.0458


 131.6868,
169.5401, 236.5888

 7.3044, 12.7074,
24.1796

 164.6596,
209.0341, 287.0430

 3.7012, 7.2274,
15.2535

 202.7224,
254.2295, 344.2042

 1.5345, 3.6047,
8.8489

246.2406,

 0.3491, 1.4550,

305.5105, 408.4909

4.5473

295.5796,
363.2616, 480.3216

■ 0.0000, 0.2567,
1.9301

■ 0.0000, 0.0000,
0.5118

■ 43.3893, 60.8891,
93.4703

■ 43.3893, 60.8891,
93.4703

■ 42.9771, 60.3106,
93.3815

■ 44.4586, 62.1276,
93.6542

■ 46.1057, 63.6695,
93.8650

■ 48.4304, 65.5674,
94.1088

■ 51.5125, 67.8626,
94.3893

■ 55.4207, 70.5906,
94.7099

■ 60.2162, 73.7827,
95.0733

■ 65.9540, 77.4675,
95.4821

■ 72.6850, 81.6711,
95.9387

■ 80.4562, 86.4179,
96.4454

Harmonies

Analogous

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



41.6930, 60.8891, 64.4495



43.3893, 60.8891, 93.4703



48.8363, 60.8891, 120.2364

Triad

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



43.3893, 60.8891, 93.4703



74.4939, 60.8891, 97.5927



58.5272, 60.8891, 26.9895

Complementary

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



43.3893, 60.8891, 93.4703



37.1320, 19.7879, 2.2449

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.



67.9615, 60.8891, 31.5234



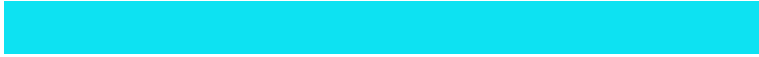
43.3893, 60.8891, 93.4703



77.7765, 60.8891, 68.1812

Square

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



43.3893, 60.8891, 93.4703



66.7132, 60.8891, 123.0325



75.2675, 60.8891, 44.9791



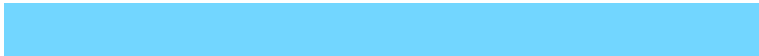
49.8509, 60.8891, 30.4004

Rectangle

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



43.3893, 60.8891, 93.4703



54.1909, 60.8891, 130.5167



75.2675, 60.8891, 44.9791



61.7188, 60.8891, 27.6017

Sweetspot

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



43.3912, 60.8913, 93.4718



71.9104, 85.7389, 107.3669



32.1327, 63.6764, 11.7157



14.7998, 17.9707, 22.9386



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.



43.3912, 60.8913, 93.4718



48.3867, 67.8935, 105.1622



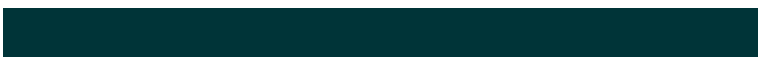
22.0173, 18.1435, 86.3471



16.1473, 17.7287, 20.2925



23.1295, 32.4832, 50.1787



1.9523, 2.7586, 4.1838

Inverse Universe

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



50.4910, 24.6579, 74.0521



56.5526, 27.3850, 82.5650



46.4824, 38.4887, 5.3617



16.4038, 16.0112, 19.6826



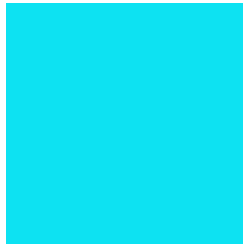
27.0003, 13.0725, 39.5137



2.2604, 1.0932, 3.3620

Previews

White Background



This preview shows how the XYZ color 43.3893, 60.8891, 93.4703 looks on a white background.

Color Contrast Check

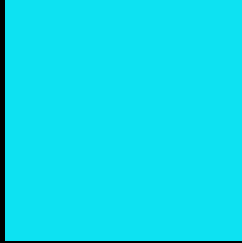
Large Text (above 18pt) WCAG AA × Fail

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 43.3893, 60.8891, 93.4703 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 43.3893, 60.8891, 93.4703

Background



This preview shows how black text looks on a background with the XYZ color 43.3893, 60.8891, 93.4703.

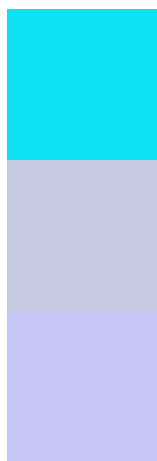


This preview shows how white text looks on a background with the XYZ color 43.3893, 60.8891,

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

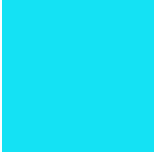
43.3893, 60.8891, 93.4703

Protanopia

58.6674, 60.0114, 80.4428

Deuteranopia

61.1861, 59.9035, 97.1446



Tritanopia

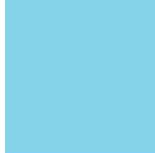
43.8140, 61.0731, 95.0670

Trichromacy



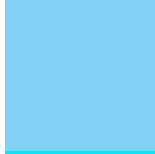
Original Color

43.3893, 60.8891, 93.4703



Protanomaly

47.3755, 57.3203, 84.9109



Deuteranomaly

48.9507, 57.1603, 95.6418



Tritanomaly

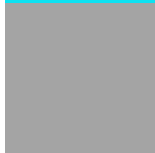
43.6052, 60.9829, 94.2667

Monochromacy



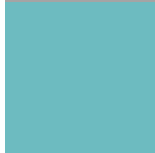
Original Color

43.3893, 60.8891, 93.4703



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

33.5914, 42.5976, 56.3209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3893, 60.8891, 93.4703 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(13, 226, 242)` looks like.

```
.text, #text, p{  
    color:rgb(13, 226, 242)  
}
```

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(13, 226, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 226, 242) }
```

Border

The CSS property to change the border of an element to XYZ 43.3893, 60.8891, 93.4703 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(13, 226, 242) }
```


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

```
.border{ border-color:rgb(13, 226, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 226, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 226, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 226, 242);  
box-shadow:4px 4px 4px 4px rgb(13, 226,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3893, 60.8891, 93.4703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 226, 242) }
```

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

```
.background{ background-color: rgb(13, 226,  
242) }
```

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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