

Converting Colors

XYZ(35.3175, 54.9502, 60.1265)

Have a look what the booklet for
XYZ(35.3175, 54.9502, 60.1265)
contains.

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Color

**XYZ(35.4435, 55.1265,
60.4022)**

Conversions

Conversions Part 1

Format	Color
Hex	00DCC3
RGB	0, 220, 195
RGB Percent	0%, 86%, 76%
CMY	0.9998, 0.1372, 0.2353
CMYK	1.00, 0.00, 0.11, 0.14
HSL	173°, 100%, 43%
HSV	173°, 100%, 86%
XYZ	35.4435, 55.1265, 60.4022
YIQ	151.3700, -123.0950, -54.4150

Conversions

Conversions Part 2

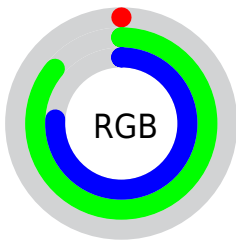
Format	Color
RYB	0, 117, 220
Decimal	56515
CIELab	79.11, -50.08, -0.34
CIElCh	79, 50.086, 180.394
Yxy	55.1265, 0.2348, 0.3651
Android (android.graphics.Color)	4278246595 (0xFF00DCC3)
YUV	151.3700, 21.5096, -132.7515
Hunter-Lab	74.2472, -44.7218, 3.7390

Details

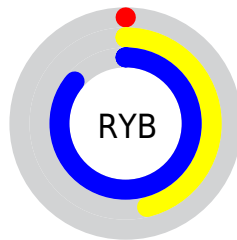
The XYZ color **35.4435, 55.1265, 60.4022** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **29.6925, 15.2874, 2.3078**, and the grayscale version is **29.5281, 31.0659, 33.8308**.

A 20% lighter version of the original color is **59.4793, 81.7362, 103.9086**, and **18.0832, 28.4740, 29.7423** is the 20% darker color. If you saturate the color by 10%, you get **35.4441, 55.1281, 60.4008**, and if you desaturate by 10%, it is **36.0615, 55.4134, 61.9208**.

Distribution



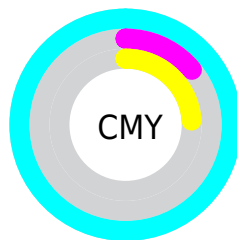
- Red (0%)
- Green (86%)
- Blue (76%)



- Red (0%)
- Yellow (46%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (14%)




- Cyan (100%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4435, 55.1265, 60.4022 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 35.4435, 55.1265, 60.4022 by changing the saturation by 10% instead.


 35.4435, 55.1265,
60.4022


 35.4435, 55.1265,
60.4022


317.9954,
406.3913, 443.9244

 24.1728, 39.5030,
43.3155


 67.5018, 97.7263,
106.9620


 15.5873, 27.1513,
29.7995

 89.0200, 125.4713,
137.2721


 9.3216, 17.6869,
19.4357


 114.6849,
158.0257, 172.8271

 5.0103, 10.7254,
11.8055

 144.8617,
195.7738, 214.0456

 2.2881, 5.8825,
6.4905

 179.9158,
239.1001, 261.3460

 0.7886, 2.7738,
3.0720

220.2126,

 0.0000, 1.0148,

288.3888, 315.1469

1.1315

266.1173,
344.0244, 375.8669

■ 0.0000, 0.0000,
0.0000

■ 35.4435, 55.1265,
60.4022

■ 35.4435, 55.1265,
60.4022

■ 35.4441, 55.1281,
60.4008

■ 36.0615, 55.4134,
61.9208

■ 37.0602, 55.8948,
63.4809

■ 38.5640, 56.6360,
65.0895

■ 40.6424, 57.6728,
66.7501

■ 43.3540, 59.0355,
68.4656

■ 46.7499, 60.7505,
70.2383

■ 50.8762, 62.8414,
72.0707

■ 55.7748, 65.3298,
73.9647

■ 61.4846, 68.2359,
75.9224

Harmonies

Analogous

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



37.4105, 55.1265, 36.7463



35.4435, 55.1265, 60.4022



37.5160, 55.1265, 92.3699

Triad

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



35.4435, 55.1265, 60.4022



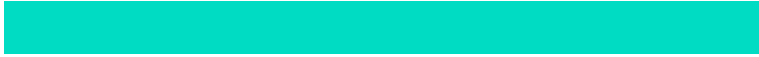
62.7248, 55.1265, 121.0574



62.4674, 55.1265, 23.7801

Complementary

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



35.4435, 55.1265, 60.4022



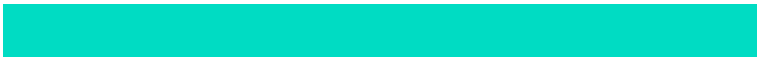
29.6925, 15.2874, 2.3078

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.



70.7672, 55.1265, 36.2763



35.4435, 55.1265, 60.4022



70.9286, 55.1265, 91.4999

Square

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



35.4435, 55.1265, 60.4022



52.5282, 55.1265, 133.5258



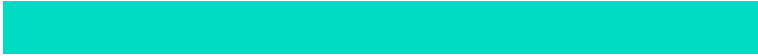
74.0406, 55.1265, 59.6462



52.2642, 55.1265, 20.1140

Rectangle

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



35.4435, 55.1265, 60.4022



41.0825, 55.1265, 113.1484



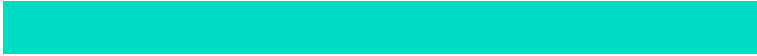
74.0406, 55.1265, 59.6462



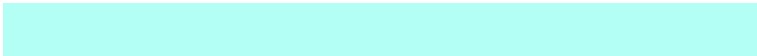
65.6166, 55.1265, 26.8396

Sweetspot

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



35.4451, 55.1286, 60.4035



70.9164, 87.7168, 100.6276



26.0127, 51.4039, 8.5521



14.6295, 18.4963, 21.3035



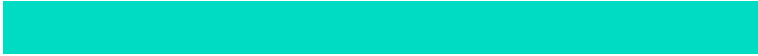
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.4451, 55.1286, 60.4035



49.4897, 77.0119, 84.2195



21.6789, 22.6872, 70.9489



13.3778, 14.8027, 16.4524



20.8274, 32.3636, 35.5861



1.3678, 2.1041, 2.4030

Inverse Universe

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



29.6925, 15.2874, 2.3078



41.4616, 21.3486, 3.0968



32.7147, 21.6128, 2.4486



13.1159, 13.0755, 13.8717



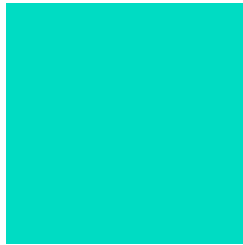
17.4459, 8.9794, 1.4620



1.1508, 0.5900, 0.2030

Previews

White Background



This preview shows how the XYZ color 35.4435, 55.1265, 60.4022 looks on a white background.

Color Contrast Check

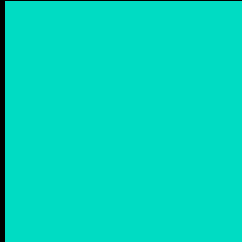
Large Text (above 18pt) WCAG AA × Fail

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 35.4435, 55.1265, 60.4022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

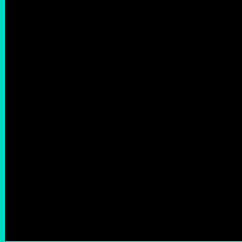
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

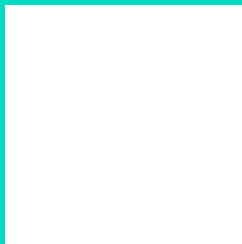
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4435, 55.1265, 60.4022

Background



This preview shows how black text looks on a background with the XYZ color 35.4435, 55.1265, 60.4022.

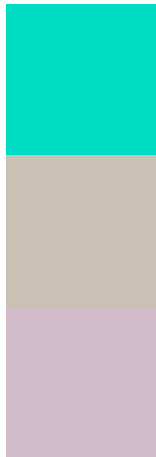


This preview shows how white text looks on a background with the XYZ color 35.4435, 55.1265,

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

35.4435, 55.1265, 60.4022

Protanopia

51.6174, 54.2964, 50.9397

Deuteranopia

55.2222, 53.9323, 63.3766



Tritanopia

40.6108, 55.3266, 84.8826

Trichromacy



Original Color

35.4435, 55.1265, 60.4022



Protanomaly

39.0150, 50.8038, 53.6488



Deuteranomaly

40.7946, 50.5004, 61.6303



Tritanomaly

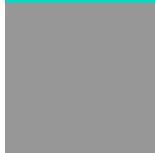
38.3620, 55.1335, 75.6378

Monochromacy



Original Color

35.4435, 55.1265, 60.4022



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

27.3243, 36.3275, 42.1310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4435, 55.1265, 60.4022 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, 220, 195)` looks like.

```
.text, #text, p{  
    color:rgb(0, 220, 195)  
}
```

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, 220, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 220, 195) }
```

Border

The CSS property to change the border of an element to XYZ 35.4435, 55.1265, 60.4022 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, 220, 195) }
```


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

```
.border{ border-color:rgb(0, 220, 195) }
```

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

Here you see how a box with a 4 pixel rgb(0, 220, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 220, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 220, 195);  
box-shadow:4px 4px 4px 4px rgb(0, 220,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4435, 55.1265, 60.4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 220, 195) }
```

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

```
.background{ background-color: rgb(0, 220,  
195) }
```

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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