

Converting Colors

XYZ(21.3348, 49.2340, 53.5857)

Have a look what the booklet for
XYZ(21.3348, 49.2340, 53.5857)
contains.

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Color

**XYZ(35.0394, 56.2360,
54.3553)**

Conversions

Conversions Part 1

Format	Color
Hex	00DFB8
RGB	0, 223, 184
RGB Percent	0%, 87%, 72%
CMY	0.9999, 0.1255, 0.2784
CMYK	1.00, 0.00, 0.17, 0.13
HSL	170°, 100%, 44%
HSV	170°, 100%, 87%
XYZ	35.0394, 56.2360, 54.3553
YIQ	151.8770, -120.3890, -59.4050

Conversions

Conversions Part 2

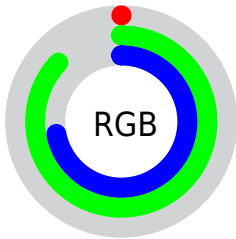
Format	Color
RYB	0, 122, 223
Decimal	57272
CIELab	79.75, -54.19, 6.43
CIELCh	80, 54.570, 173.237
Yxy	56.2360, 0.2406, 0.3862
Android (android.graphics.Color)	4278247352 (0xFF00DFB8)
YUV	151.8770, 15.8366, -133.1961
Hunter-Lab	74.9907, -47.8295, 9.5184

Details

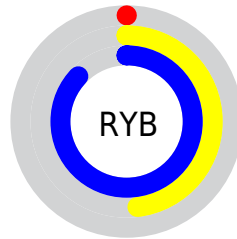
The XYZ color **35.0394, 56.2360, 54.3553** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **30.7997, 15.8361, 3.3562**, and the grayscale version is **29.7686, 31.3188, 34.1062**.

A 20% lighter version of the original color is **57.6725, 80.9994, 95.0329**, and **17.9155, 29.2761, 26.1793** is the 20% darker color. If you saturate the color by 10%, you get **35.0398, 56.2376, 54.3530**, and if you desaturate by 10%, it is **35.7936, 56.5782, 56.5561**.

Distribution



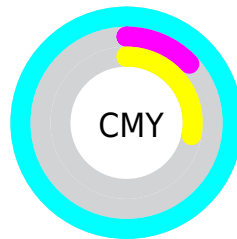
- Red (0%)
- Green (87%)
- Blue (72%)



- Red (0%)
- Yellow (48%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (13%)





- Cyan (100%)
- Magenta (13%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0394, 56.2360, 54.3553 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 35.0394, 56.2360, 54.3553 by changing the saturation by 10% instead.


 35.0394, 56.2360,
54.3553


 35.0394, 56.2360,
54.3553


316.2472,
410.5803, 420.6763


 23.8599, 40.3922,
38.4907


 66.8804, 99.3495,
98.0574


 15.3539, 27.8444,
26.0590


 88.2726, 127.3881,
126.7319

 9.1561, 18.2084,
16.6416


 113.7998,
160.2603, 160.5135

 4.9010, 11.0997,
9.8200

 143.8272,
198.3505, 199.8207

 2.2235, 6.1340,
5.1758

 178.7204,
242.0433, 245.0721

 0.7551, 2.9267,
2.2902

218.8445,

 0.0000, 1.0936,

291.7229, 296.6861

0.7257

264.5650,
347.7738, 355.0813

■ 0.0000, 0.0000,
0.0000

■ 35.0394, 56.2360,
54.3553

■ 35.0394, 56.2360,
54.3553

■ 35.0398, 56.2376,
54.3530

■ 35.7936, 56.5782,
56.5561

■ 36.9476, 57.1239,
58.8338

■ 38.6293, 57.9404,
61.1959

■ 40.9106, 59.0645,
63.6463

■ 43.8521, 60.5277,
66.1883

■ 47.5069, 62.3573,
68.8248

■ 51.9225, 64.5777,
71.5585

■ 57.1425, 67.2113,
74.3918

■ 63.2069, 70.2790,
77.3271

Harmonies

Analogous

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



38.2008, 56.2360, 31.6048



35.0394, 56.2360, 54.3553



36.2394, 56.2360, 88.4485

Triad

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



35.0394, 56.2360, 54.3553



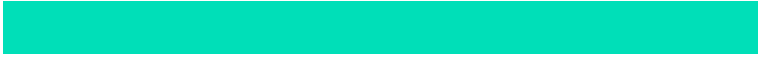
62.2596, 56.2360, 135.6915



67.1711, 56.2360, 24.3311

Complementary

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



35.0394, 56.2360, 54.3553



30.7997, 15.8361, 3.3562

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.



75.3960, 56.2360, 40.2632



35.0394, 56.2360, 54.3553



72.2989, 56.2360, 105.2383

Square

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



35.0394, 56.2360, 54.3553



50.9924, 56.2360, 143.4905



77.3910, 56.2360, 68.6643



55.9866, 56.2360, 18.5601

Rectangle

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



35.0394, 56.2360, 54.3553



39.4443, 56.2360, 112.9567



77.3910, 56.2360, 68.6643



70.4328, 56.2360, 28.3438

Sweetspot

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



35.0410, 56.2382, 54.3566



70.2048, 87.4321, 96.8802



27.2998, 53.2469, 8.8399



14.4572, 18.4274, 20.3963



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.



35.0410, 56.2382, 54.3566



47.4421, 76.1929, 73.4373



24.6131, 27.9139, 73.9051



14.0083, 15.5290, 17.0788



20.6397, 33.0807, 32.1553



1.4580, 2.3039, 2.3731

Inverse Universe

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



30.7997, 15.8361, 3.3562



41.7061, 21.4464, 4.3844



32.6633, 20.1499, 2.1689



13.8046, 13.7395, 14.7413



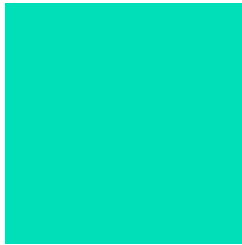
18.1376, 9.3220, 2.1244



1.2867, 0.6579, 0.3025

Previews

White Background



This preview shows how the XYZ color 35.0394, 56.2360, 54.3553 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 35.0394, 56.2360, 54.3553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

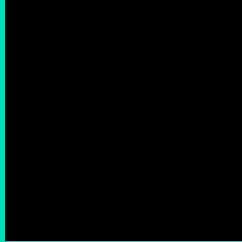
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

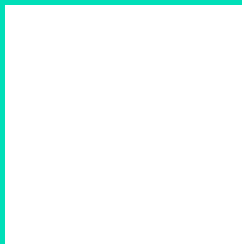
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0394, 56.2360, 54.3553

Background



This preview shows how black text looks on a background with the XYZ color 35.0394, 56.2360, 54.3553.

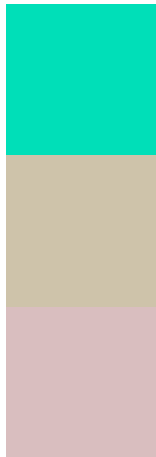


This preview shows how white text looks on a background with the XYZ color 35.0394, 56.2360,

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

35.0394, 56.2360, 54.3553

Protanopia

52.2244, 55.0543, 45.9042

Deuteranopia

56.4327, 55.3402, 56.9976



Tritanopia

41.5871, 56.1761, 86.4931

Trichromacy



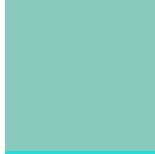
Original Color

35.0394, 56.2360, 54.3553



Protanomaly

38.9293, 51.5831, 48.4622



Deuteranomaly

40.6789, 51.2752, 55.3300



Tritanomaly

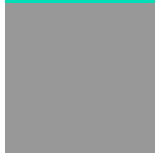
38.6406, 56.0923, 73.7561

Monochromacy



Original Color

35.0394, 56.2360, 54.3553



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

27.5510, 37.0625, 40.8236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0394, 56.2360, 54.3553 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, 223, 184)` looks like.

```
.text, #text, p{  
    color:rgb(0, 223, 184)  
}
```

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, 223, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 223, 184) }
```

Border

The CSS property to change the border of an element to XYZ 35.0394, 56.2360, 54.3553 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, 223, 184) }
```


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

```
.border{ border-color:rgb(0, 223, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 223, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 223, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 223, 184);  
box-shadow:4px 4px 4px 4px rgb(0, 223,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0394, 56.2360, 54.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 223, 184) }
```

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

```
.background{ background-color: rgb(0, 223,  
184) }
```

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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