

Converting Colors

XYZ(35.6253, 56.8992, 56.1187)

Have a look what the booklet for
XYZ(35.6253, 56.8992, 56.1187)
contains.

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Color

**XYZ(35.6253, 56.8992,
56.1187)**

Conversions

Conversions Part 1

Format	Color
Hex	00E0BB
RGB	0, 224, 187
RGB Percent	0%, 88%, 73%
CMY	0.9999, 0.1216, 0.2667
CMYK	1.00, 0.00, 0.17, 0.12
HSL	170°, 100%, 44%
HSV	170°, 100%, 88%
XYZ	35.6253, 56.8992, 56.1187
YIQ	152.8060, -121.6270, -58.9950

Conversions

Conversions Part 2

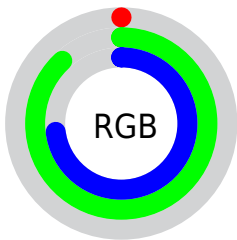
Format	Color
RYB	0, 122, 224
Decimal	57531
CIELab	80.12, -53.82, 5.38
CIELCh	80, 54.087, 174.296
Yxy	56.8992, 0.2397, 0.3828
Android (android.graphics.Color)	4278247611 (0xFF00E0BB)
YUV	152.8060, 16.8576, -134.0109
Hunter-Lab	75.4316, -47.7021, 8.6922

Details

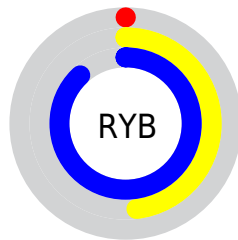
The XYZ color **35.6253, 56.8992, 56.1187** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **31.0765, 15.9825, 3.2004**, and the grayscale version is **30.1663, 31.7373, 34.5619**.

A 20% lighter version of the original color is **58.2443, 81.2423, 97.4055**, and **18.3057, 29.7265, 27.3272** is the 20% darker color. If you saturate the color by 10%, you get **35.6258, 56.9009, 56.1166**, and if you desaturate by 10%, it is **36.3685, 57.2373, 58.2499**.

Distribution



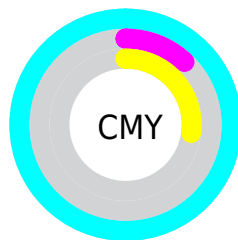
- Red (0%)
- Green (88%)
- Blue (73%)



- Red (0%)
- Yellow (48%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (12%)





- Cyan (100%)
- Magenta (12%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6253, 56.8992, 56.1187 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 35.6253, 56.8992, 56.1187 by changing the saturation by 10% instead.


 35.6253, 56.8992,
56.1187


 35.6253, 56.8992,
56.1187


318.7797,
413.0715, 427.5396

 24.3137, 40.9243,
39.8935


 67.7810, 100.3181,
100.6656


 15.6925, 28.2600,
27.1423


 89.3558, 128.5309,
129.8244


 9.3963, 18.5217,
17.4468


 115.0824,
161.5918, 164.1315

 5.0597, 11.3252,
10.3882

 145.3262,
199.8852, 204.0053

 2.3175, 6.2860,
5.5482

 180.4524,
243.7954, 249.8645

 0.8036, 3.0198,
2.5080

220.8265,

 0.0000, 1.1421,

293.7070, 302.1276

0.8444

266.8138,
350.0042, 361.2131

■ 0.0000, 0.0136,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 35.6253, 56.8992,
56.1187

■ 35.6253, 56.8992,
56.1187

■ 35.6258, 56.9009,
56.1166

■ 36.3685, 57.2373,
58.2499

■ 37.5146, 57.7806,
60.4523

■ 39.1927, 58.5970,
62.7337

■ 41.4755, 59.7238,
65.0979

■ 44.4242, 61.1927,
67.5482

■ 48.0924, 63.0314,
70.0873

■ 52.5283, 65.2645,
72.7179

■ 57.7759, 67.9149,
75.4424

■ 63.8756, 71.0033,
78.2632

Harmonies

Analogous

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



38.6410, 56.8992, 32.8688



35.6253, 56.8992, 56.1187



36.9830, 56.8992, 90.4124

Triad

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



35.6253, 56.8992, 56.1187



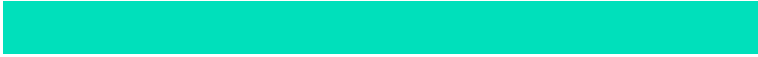
63.2719, 56.8992, 135.3124



67.4068, 56.8992, 24.5981

Complementary

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



35.6253, 56.8992, 56.1187



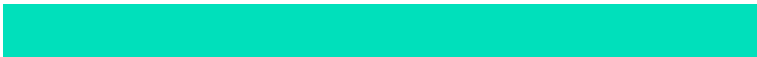
31.0765, 15.9825, 3.2004

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.



75.7725, 56.8992, 40.1974



35.6253, 56.8992, 56.1187



73.1673, 56.8992, 104.5223

Square

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



35.6253, 56.8992, 56.1187



52.0033, 56.8992, 144.0315



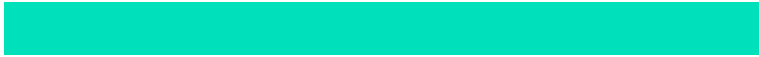
78.0117, 56.8992, 68.1795



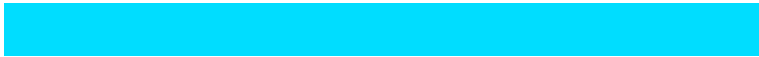
56.2133, 56.8992, 19.0757

Rectangle

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



35.6253, 56.8992, 56.1187



40.2943, 56.8992, 114.7024



78.0117, 56.8992, 68.1795



70.7004, 56.8992, 28.5141

Sweetspot

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



35.6269, 56.9014, 56.1200



70.3164, 87.4768, 97.4679



27.4329, 53.7134, 8.9229



14.4842, 18.4382, 20.5384



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.



35.6269, 56.9014, 56.1200



47.7539, 76.3176, 75.0790



24.2581, 26.9874, 74.4541



14.0142, 15.5314, 17.1101



20.7727, 33.1339, 32.8555



1.4661, 2.3072, 2.4155

Inverse Universe

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



31.0765, 15.9825, 3.2004



41.6602, 21.4281, 4.1429



33.2370, 20.8385, 2.2715



13.7991, 13.7373, 14.7125



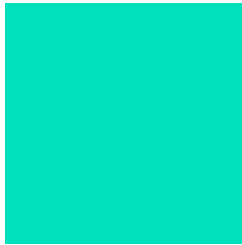
18.1158, 9.3133, 2.0097



1.2841, 0.6569, 0.2890

Previews

White Background



This preview shows how the XYZ color 35.6253, 56.8992, 56.1187 looks on a white background.

Color Contrast Check

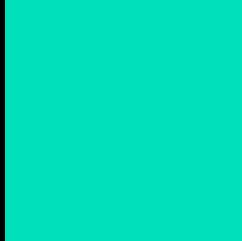
Large Text (above 18pt) WCAG AA × Fail

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 35.6253, 56.8992, 56.1187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

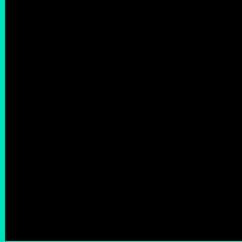
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

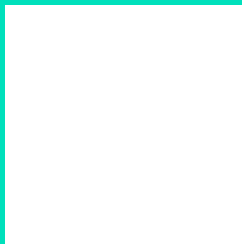
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.6253, 56.8992, 56.1187

Background



This preview shows how black text looks on a background with the XYZ color 35.6253, 56.8992, 56.1187.

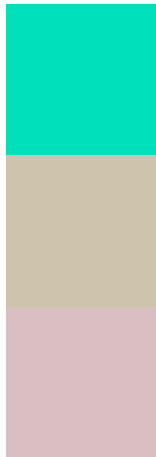


This preview shows how white text looks on a background with the XYZ color 35.6253, 56.8992,

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

35.6253, 56.8992, 56.1187

Protanopia

52.7364, 55.6188, 47.4912

Deuteranopia

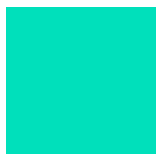
56.9837, 55.9084, 58.8270



Tritanopia

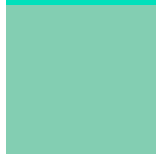
41.9226, 56.7139, 87.3346

Trichromacy



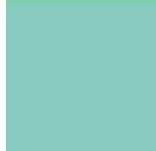
Original Color

35.6253, 56.8992, 56.1187



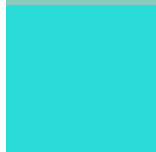
Protanomaly

39.4673, 52.1823, 50.1115



Deuteranomaly

41.2411, 51.8767, 57.1298



Tritanomaly

39.1625, 56.7198, 75.2136

Monochromacy



Original Color

35.6253, 56.8992, 56.1187



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

27.8414, 37.4982, 41.3678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6253, 56.8992, 56.1187 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, 224, 187)` looks like.

```
.text, #text, p{  
    color:rgb(0, 224, 187)  
}
```

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, 224, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 224, 187) }
```

Border

The CSS property to change the border of an element to XYZ 35.6253, 56.8992, 56.1187 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, 224, 187) }
```


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

```
.border{ border-color:rgb(0, 224, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 224, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 224, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 224, 187);  
box-shadow:4px 4px 4px 4px rgb(0, 224,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6253, 56.8992, 56.1187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 224, 187) }
```

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

```
.background{ background-color: rgb(0, 224,  
187) }
```

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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