

Converting Colors

XYZ(34.4278, 56.9344, 58.3371)

Have a look what the booklet for
XYZ(34.4278, 56.9344, 58.3371)
contains.

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Color

**XYZ(36.6003, 58.1543,
58.5861)**

Conversions

Conversions Part 1

Format	Color
Hex	00E2BF
RGB	0, 226, 191
RGB Percent	0%, 89%, 75%
CMY	0.9999, 0.1137, 0.2510
CMYK	1.00, 0.00, 0.15, 0.11
HSL	171°, 100%, 44%
HSV	171°, 100%, 89%
XYZ	36.6003, 58.1543, 58.5861
YIQ	154.4360, -123.4610, -58.7970

Conversions

Conversions Part 2

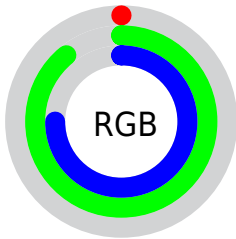
Format	Color
RYB	0, 122, 226
Decimal	58047
CIELab	80.82, -53.58, 4.27
CIELCh	81, 53.754, 175.445
Yxy	58.1543, 0.2387, 0.3792
Android (android.graphics.Color)	4278248127 (0xFF00E2BF)
YUV	154.4360, 18.0261, -135.4404
Hunter-Lab	76.2590, -47.7826, 7.8316

Details

The XYZ color **36.6003, 58.1543, 58.5861** 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 **31.6695, 16.2917, 3.0685**, and the grayscale version is **30.8744, 32.4823, 35.3732**.

A 20% lighter version of the original color is **58.9789, 81.5504, 100.6280**, and **18.7754, 30.2109, 28.8865** is the 20% darker color. If you saturate the color by 10%, you get **36.6009, 58.1560, 58.5842**, and if you desaturate by 10%, it is **37.3366, 58.4902, 60.6573**.

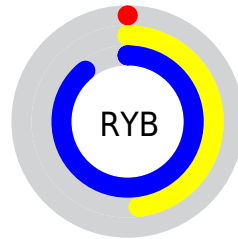
Distribution



Red (0%)

Green (89%)

Blue (75%)



Red (0%)

Yellow (48%)

Blue (89%)

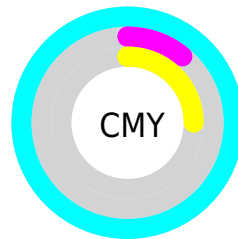


Cyan (100%)

Magenta (0%)

Yellow (15%)

Black (11%)



Cyan (100%)


Magenta (11%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6003, 58.1543, 58.5861 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 36.6003, 58.1543, 58.5861 by changing the saturation by 10% instead.


 36.6003, 58.1543,
58.5861


 36.6003, 58.1543,
58.5861


322.9625,
417.7606, 437.0254


 25.0704, 41.9327,
41.8622


 69.2754, 102.1475,
104.2991


 16.2585, 29.0486,
28.6686


 91.1514, 130.6879,
134.1252


 9.7993, 19.1176,
18.5869


 117.2068,
164.1034, 169.1558

 5.3273, 11.7553,
11.1984

 147.8070,
202.7784, 209.8095

 2.4773, 6.5773,
6.0846

 183.3173,
247.0972, 256.5048

 0.8838, 3.1992,
2.8270

224.1031,

 0.0000, 1.2366,

297.4442, 309.6602

1.0070

270.5297,
354.2039, 369.6942

■ 0.0000, 0.0913,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 36.6003, 58.1543,
58.5861

■ 36.6003, 58.1543,
58.5861

■ 36.6009, 58.1560,
58.5842

■ 37.3366, 58.4902,
60.6573

■ 38.4834, 59.0353,
62.7947

■ 40.1719, 59.8586,
65.0063

■ 42.4765, 60.9983,
67.2957

■ 45.4598, 62.4869,
69.6663

■ 49.1765, 64.3525,
72.1209

■ 53.6760, 66.6204,
74.6621

■ 59.0029, 69.3139,
77.2923

■ 65.1990, 72.4542,
80.0138

Harmonies

Analogous

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



39.4840, 58.1543, 34.5775



36.6003, 58.1543, 58.5861



38.1442, 58.1543, 93.4037

Triad

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



36.6003, 58.1543, 58.5861



64.9674, 58.1543, 136.1692



68.2942, 58.1543, 25.1226

Complementary

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



36.6003, 58.1543, 58.5861



31.6695, 16.2917, 3.0685

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.



76.8897, 58.1543, 40.5080



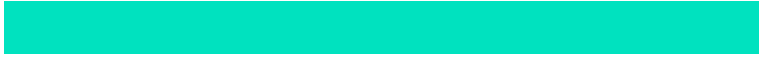
36.6003, 58.1543, 58.5861



74.7955, 58.1543, 104.7351

Square

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



36.6003, 58.1543, 58.5861



53.5952, 58.1543, 145.9585



79.4145, 58.1543, 68.3026



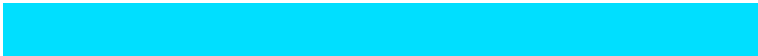
56.9873, 58.1543, 19.8240

Rectangle

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



36.6003, 58.1543, 58.5861



41.6029, 58.1543, 117.6719



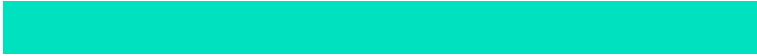
79.4145, 58.1543, 68.3026



71.6529, 58.1543, 28.9699

Sweetspot

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



36.6019, 58.1565, 58.5875



70.4354, 87.5244, 98.0947



27.9857, 54.8011, 9.1037



14.5130, 18.4497, 20.6900



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.



36.6019, 58.1565, 58.5875



48.0903, 76.4521, 76.8502



24.7438, 27.5222, 75.9622



14.0206, 15.5340, 17.1435



20.9161, 33.1913, 33.6108



1.4747, 2.3106, 2.4611

Inverse Universe

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



31.6695, 16.2917, 3.0685



41.6145, 21.4098, 3.9023



33.9058, 21.2504, 2.3158



13.7934, 13.7350, 14.6820



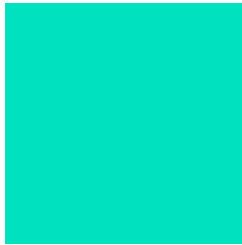
18.0940, 9.3046, 1.8947



1.2814, 0.6558, 0.2746

Previews

White Background



This preview shows how the XYZ color 36.6003, 58.1543, 58.5861 looks on a white background.

Color Contrast Check

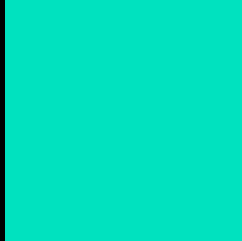
Large Text (above 18pt) WCAG AA × Fail

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 36.6003, 58.1543, 58.5861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

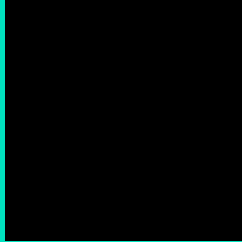
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

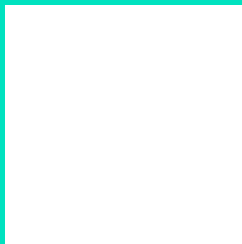
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.6003, 58.1543, 58.5861

Background



This preview shows how black text looks on a background with the XYZ color 36.6003, 58.1543, 58.5861.



This preview shows how white text looks on a background with the XYZ color 36.6003, 58.1543,

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

36.6003, 58.1543, 58.5861

Protanopia

54.0430, 56.9327, 49.2150

Deuteranopia

58.1764, 57.1226, 61.3856



Tritanopia

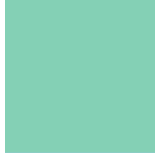
42.9936, 58.3908, 89.1253

Trichromacy



Original Color

36.6003, 58.1543, 58.5861



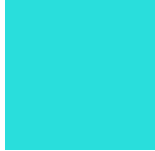
Protanomaly

40.4121, 53.3535, 51.8844



Deuteranomaly

42.3291, 53.0917, 59.6465



Tritanomaly

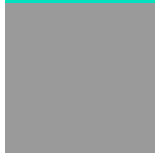
39.9540, 57.8813, 76.7766

Monochromacy



Original Color

36.6003, 58.1543, 58.5861



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

28.3333, 38.0292, 42.4063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6003, 58.1543, 58.5861 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, 226, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 226, 191)  
}
```

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, 226, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 226, 191) }
```

Border

The CSS property to change the border of an element to XYZ 36.6003, 58.1543, 58.5861 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, 226, 191) }
```


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

```
.border{ border-color:rgb(0, 226, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 226, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 226, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 226, 191);  
box-shadow:4px 4px 4px 4px rgb(0, 226,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6003, 58.1543, 58.5861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 226, 191) }
```

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

```
.background{ background-color: rgb(0, 226,  
191) }
```

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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