

Converting Colors

XYZ(32.0797, 56.4079, 34.5902)

Have a look what the booklet for
XYZ(32.0797, 56.4079, 34.5902)
contains.

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Color

**XYZ(32.0041, 56.3158,
34.3826)**

Conversions

Conversions Part 1

Format	Color
Hex	00E28D
RGB	0, 226, 141
RGB Percent	0%, 89%, 55%
CMY	0.9999, 0.1137, 0.4470
CMYK	1.00, 0.00, 0.38, 0.11
HSL	157°, 100%, 44%
HSV	157°, 100%, 89%
XYZ	32.0041, 56.3158, 34.3826
YIQ	148.7360, -107.4110, -74.3470

Conversions

Conversions Part 2

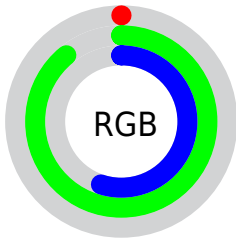
Format	Color
RYB	0, 139, 226
Decimal	57997
CIELab	79.79, -65.05, 28.97
CIELCh	80, 71.210, 155.997
Yxy	56.3158, 0.2608, 0.4590
Android (android.graphics.Color)	4278248077 (0xFF00E28D)
YUV	148.7360, -3.8138, -130.4415
Hunter-Lab	75.0439, -55.2015, 25.3660

Details

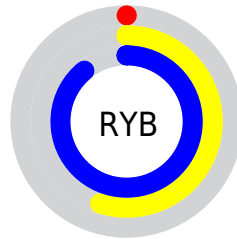
The XYZ color **32.0041, 56.3158, 34.3826** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **33.0061, 16.8261, 10.1073**, and the grayscale version is **28.5075, 29.9921, 32.6614**.

A 20% lighter version of the original color is **51.7947, 78.6483, 64.0805**, and **16.0334, 29.1141, 14.4474** is the 20% darker color. If you saturate the color by 10%, you get **32.0047, 56.3177, 34.3806**, and if you desaturate by 10%, it is **33.0072, 56.7585, 37.8608**.

Distribution



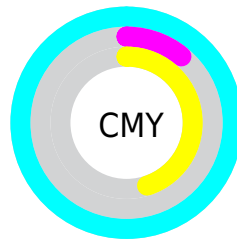
- Red (0%)
- Green (89%)
- Blue (55%)



- Red (0%)
- Yellow (55%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (11%)





- Cyan (100%)
- Magenta (11%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0041, 56.3158, 34.3826 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 32.0041, 56.3158, 34.3826 by changing the saturation by 10% instead.


 32.0041, 56.3158,
34.3826


 32.0041, 56.3158,
34.3826


302.8829,
410.8805, 336.6558


 21.5202, 40.4562,
22.9079


 62.1827, 99.4662,
67.6689


 13.6194, 27.8944,
14.3209


 82.6080, 127.5257,
90.3176


 7.9364, 18.2461,
8.2029


 107.0779,
160.4206, 117.5281

 4.1057, 11.1268,
4.1354

 135.9577,
198.5354, 149.7188

 1.7621, 6.1522,
1.6999

 169.6128,
242.2544, 187.3085

 0.4947, 2.9378,
0.3607

208.4084,

 0.0000, 1.0994,

291.9620, 230.7155

0.0000

252.7100,
348.0426, 280.3584

■ 0.0000, 0.0000,
0.0000

■ 32.0041, 56.3158,
34.3826

■ 32.0041, 56.3158,
34.3826

■ 32.0047, 56.3177,
34.3806

■ 33.0072, 56.7585,
37.8608

■ 34.4613, 57.4265,
41.6179

■ 36.4984, 58.3891,
45.6665

■ 39.1936, 59.6851,
50.0154

■ 42.6107, 61.3471,
54.6725

■ 46.8052, 63.4037,
59.6452

■ 51.8271, 65.8806,
64.9408

■ 57.7223, 68.8013,
70.5659

■ 64.5330, 72.1875,
76.5271

Harmonies

Analogous

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



38.8439, 56.3158, 16.9311



32.0041, 56.3158, 34.3826



30.4382, 56.3158, 69.9831

Triad

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



32.0041, 56.3158, 34.3826



56.4721, 56.3158, 178.8541



79.2038, 56.3158, 25.5179

Complementary

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



32.0041, 56.3158, 34.3826



33.0061, 16.8261, 10.1073

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.



86.0627, 56.3158, 53.4001



32.0041, 56.3158, 34.3826



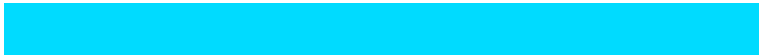
71.5087, 56.3158, 150.4724

Square

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



32.0041, 56.3158, 34.3826



43.0328, 56.3158, 166.0561



83.0204, 56.3158, 99.5714



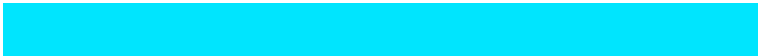
65.6008, 56.3158, 13.6550

Rectangle

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



32.0041, 56.3158, 34.3826



32.2940, 56.3158, 103.0664



83.0204, 56.3158, 99.5714



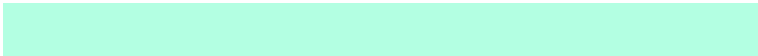
82.4760, 56.3158, 32.7100

Sweetspot

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



32.0056, 56.3180, 34.3839



67.9934, 86.5476, 85.2353



31.0952, 56.4041, 9.2488



13.9264, 18.2151, 17.6009



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.



32.0056, 56.3180, 34.3839



42.0253, 74.0261, 44.9125



34.2991, 46.6330, 79.1475



13.8865, 15.4804, 16.4378



18.3174, 32.1518, 19.9261



1.3127, 2.2458, 1.6078

Inverse Universe

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



33.0061, 16.8261, 10.1073



43.3475, 22.1030, 13.0278



31.7433, 16.9254, 1.5945



13.9194, 13.7854, 15.3459



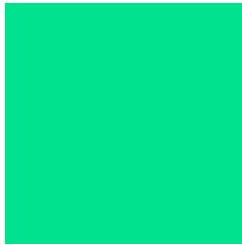
18.8819, 9.6198, 6.0441



1.3513, 0.6838, 0.6427

Previews

White Background



This preview shows how the XYZ color 32.0041, 56.3158, 34.3826 looks on a white background.

Color Contrast Check

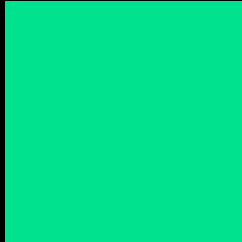
Large Text (above 18pt) WCAG AA × Fail

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 32.0041, 56.3158, 34.3826 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 32.0041, 56.3158, 34.3826

Background



This preview shows how black text looks on a background with the XYZ color 32.0041, 56.3158, 34.3826.

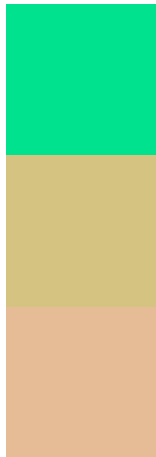


This preview shows how white text looks on a background with the XYZ color 32.0041, 56.3158,

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

32.0041, 56.3158, 34.3826

Protanopia

51.1429, 55.2110, 28.7301

Deuteranopia

56.1214, 54.9914, 36.5107



Tritanopia

42.2593, 56.1764, 84.9598

Trichromacy



Original Color

32.0041, 56.3158, 34.3826



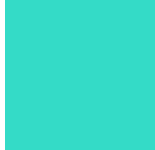
Protanomaly

36.6998, 51.5533, 30.2068



Deuteranomaly

38.2411, 50.4586, 35.3277



Tritanomaly

37.0565, 55.5166, 62.7955

Monochromacy



Original Color

32.0041, 56.3158, 34.3826



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

25.6298, 35.9525, 32.7828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0041, 56.3158, 34.3826 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(0, 226, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 226, 141) }
```

Border

The CSS property to change the border of an element to XYZ 32.0041, 56.3158, 34.3826 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, 141) }
```


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

```
.border{ border-color:rgb(0, 226, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 226, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 226, 141);  
box-shadow:4px 4px 4px 4px rgb(0, 226,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0041, 56.3158, 34.3826 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, 141) }
```

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

```
.background{ background-color: rgb(0, 226,  
141) }
```

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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