

Converting Colors

XYZ(32.5490, 56.9296, 38.5365)

Have a look what the booklet for
XYZ(32.5490, 56.9296, 38.5365)
contains.

XYZ(33.0550, 57.1725, 38.5714)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(33.0550, 57.1725,
38.5714)**

Conversions

Conversions Part 1

Format	Color
Hex	00E397
RGB	0, 227, 151
RGB Percent	0%, 89%, 59%
CMY	0.9999, 0.1098, 0.4078
CMYK	1.00, 0.00, 0.33, 0.11
HSL	160°, 100%, 45%
HSV	160°, 100%, 89%
XYZ	33.0550, 57.1725, 38.5714
YIQ	150.4630, -110.8960, -71.7600

Conversions

Conversions Part 2

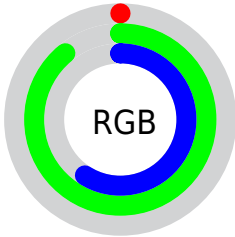
Format	Color
RYB	0, 136, 227
Decimal	58263
CIELab	80.28, -63.37, 24.48
CIELCh	80, 67.932, 158.878
Yxy	57.1725, 0.2566, 0.4439
Android (android.graphics.Color)	4278248343 (0xFF00E397)
YUV	150.4630, 0.2647, -131.9561
Hunter-Lab	75.6125, -54.2882, 22.6838

Details

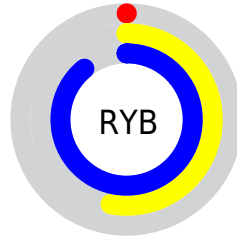
The XYZ color **33.0550, 57.1725, 38.5714** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **32.9854, 16.8542, 8.3570**, and the grayscale version is **29.2229, 30.7447, 33.4810**.

A 20% lighter version of the original color is **53.0849, 79.1644, 70.8749**, and **16.6750, 29.6696, 16.9045** is the 20% darker color. If you saturate the color by 10%, you get **33.0555, 57.1743, 38.5691**, and if you desaturate by 10%, it is **34.0408, 57.6085, 41.9461**.

Distribution



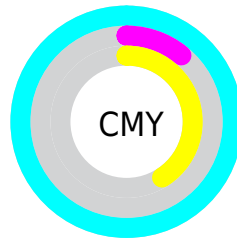
- Red (0%)
- Green (89%)
- Blue (59%)



- Red (0%)
- Yellow (53%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (11%)





- Cyan (100%)
- Magenta (11%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0550, 57.1725, 38.5714 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 33.0550, 57.1725, 38.5714 by changing the saturation by 10% instead.


 33.0550, 57.1725,
38.5714


 33.0550, 57.1725,
38.5714


307.5581,
414.0954, 355.4362


 22.3280, 41.1438,
26.1212


 63.8155, 100.7168,
74.1962

 14.2161, 28.4314,
16.6878


 84.5797, 129.0012,
98.2079


 8.3538, 18.6511,
9.8525

 109.4204,
162.1396, 126.9105

 4.3759, 11.4185,
5.1970

 138.7029,
200.5164, 160.7226

 1.9169, 6.3490,
2.3025

 172.7925,
244.5160, 200.0627

 0.5866, 3.0585,
0.7326

212.0547,

 0.0000, 1.1623,

294.5227, 245.3493

0.0000

256.8548,
350.9211, 297.0009

■ 0.0000, 0.0306,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 33.0550, 57.1725,
38.5714

■ 33.0550, 57.1725,
38.5714

■ 33.0555, 57.1743,
38.5691

■ 34.0408, 57.6085,
41.9461

■ 35.4728, 58.2684,
45.5520

■ 37.4838, 59.2221,
49.4003

■ 40.1496, 60.5084,
53.4981

■ 43.5342, 62.1604,
57.8519

■ 47.6936, 64.2067,
62.4677

■ 52.6780, 66.6734,
67.3512

■ 58.5335, 69.5839,
72.5079

■ 65.3025, 72.9602,
77.9429

Harmonies

Analogous

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



39.2528, 57.1725, 19.6954



33.0550, 57.1725, 38.5714



32.0085, 57.1725, 74.8063

Triad

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



33.0550, 57.1725, 38.5714



58.5640, 57.1725, 172.4120



77.8759, 57.1725, 25.5474

Complementary

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



33.0550, 57.1725, 38.5714



32.9854, 16.8542, 8.3570

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.



85.2020, 57.1725, 51.1857



33.0550, 57.1725, 38.5714



72.8707, 57.1725, 142.7186

Square

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



33.0550, 57.1725, 38.5714



45.2801, 57.1725, 164.2237



83.2290, 57.1725, 94.0545



64.5360, 57.1725, 14.7109

Rectangle

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



33.0550, 57.1725, 38.5714



34.1622, 57.1725, 106.9368



83.2290, 57.1725, 94.0545



81.2186, 57.1725, 32.1554

Sweetspot

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



33.0565, 57.1748, 38.5727



68.4317, 86.7229, 87.5432



30.7337, 56.6226, 9.3102



14.0310, 18.2569, 18.1519



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.



33.0565, 57.1748, 38.5727



42.9794, 74.4078, 49.9369



32.9264, 43.6673, 79.3689



14.5915, 16.2500, 17.3798



19.3337, 33.3656, 22.7894



1.4715, 2.4827, 1.9092

Inverse Universe

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



32.9854, 16.8542, 8.3570



42.8950, 21.9220, 10.6451



32.2539, 17.4797, 1.6747



14.5751, 14.4472, 15.9627



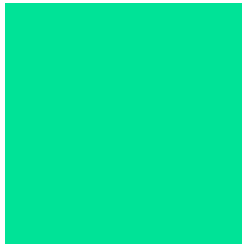
19.2846, 9.8480, 5.1274



1.4670, 0.7445, 0.5999

Previews

White Background



This preview shows how the XYZ color 33.0550, 57.1725, 38.5714 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 33.0550, 57.1725, 38.5714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

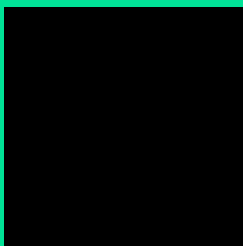
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

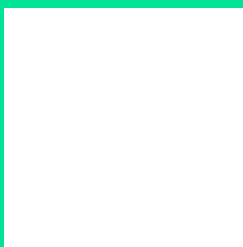
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.0550, 57.1725, 38.5714

Background



This preview shows how black text looks on a background with the XYZ color 33.0550, 57.1725, 38.5714.

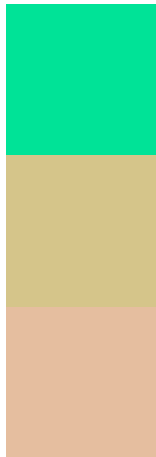


This preview shows how white text looks on a background with the XYZ color 33.0550, 57.1725,

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

33.0550, 57.1725, 38.5714

Protanopia

51.9943, 55.9136, 32.0968

Deuteranopia

56.9846, 55.9881, 40.6043



Tritanopia

42.8886, 57.2285, 86.6276

Trichromacy



Original Color

33.0550, 57.1725, 38.5714



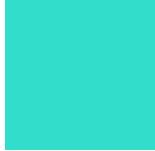
Protanomaly

37.6671, 52.3292, 34.1019



Deuteranomaly

39.2107, 51.2232, 39.2729



Tritanomaly

38.0709, 56.7506, 66.0742

Monochromacy



Original Color

33.0550, 57.1725, 38.5714



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

26.1447, 36.4757, 34.5167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0550, 57.1725, 38.5714 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, 227, 151)` looks like.

```
.text, #text, p{  
    color:rgb(0, 227, 151)  
}
```

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, 227, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 227, 151) }
```

Border

The CSS property to change the border of an element to XYZ 33.0550, 57.1725, 38.5714 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, 227, 151) }
```


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

```
.border{ border-color:rgb(0, 227, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 227, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 227, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 227, 151);  
box-shadow:4px 4px 4px 4px rgb(0, 227,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0550, 57.1725, 38.5714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 227, 151) }
```

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

```
.background{ background-color: rgb(0, 227,  
151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor