

Converting Colors

XYZ(34.5373, 59.9097, 39.0957)

Have a look what the booklet for
XYZ(34.5373, 59.9097, 39.0957)
contains.

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Color

**XYZ(34.5805, 60.0187,
39.0404)**

Conversions

Conversions Part 1

Format	Color
Hex	0BE897
RGB	11, 232, 151
RGB Percent	4%, 91%, 59%
CMY	0.9568, 0.0902, 0.4078
CMYK	0.95, 0.00, 0.35, 0.09
HSL	158°, 91%, 48%
HSV	158°, 95%, 91%
XYZ	34.5805, 60.0187, 39.0404
YIQ	156.6870, -105.7150, -72.0430

Conversions

Conversions Part 2

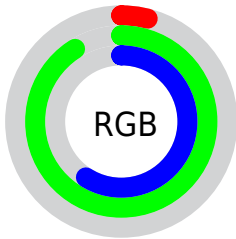
Format	Color
R_{YB}	11, 146, 232
Decimal	780439
CIE _{Lab}	81.85, -64.82, 26.62
CIE _{LCh}	82, 70.069, 157.672
Yxy	60.0187, 0.2588, 0.4491
Android (android.graphics.Color)	4278970519 (0xFF0BE897)
YUV	156.6870, -2.8037, -127.7675
Hunter-Lab	77.4717, -55.8998, 24.3522

Details

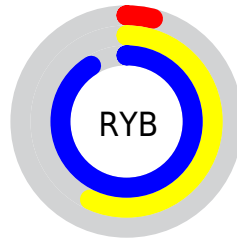
The XYZ color **34.5805, 60.0187, 39.0404** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **35.3325, 18.1693, 11.7748**, and the grayscale version is **31.9568, 33.6210, 36.6133**.

A 20% lighter version of the original color is **53.4561, 79.3557, 70.8923**, and **17.5821, 31.5608, 16.9696** is the 20% darker color. If you saturate the color by 10%, you get **34.1213, 59.8208, 37.3369**, and if you desaturate by 10%, it is **35.8267, 60.5800, 42.8367**.

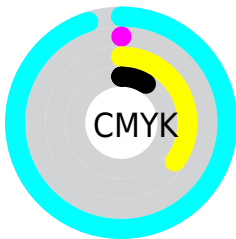
Distribution



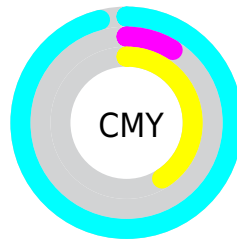
- Red (4%)
- Green (91%)
- Blue (59%)



- Red (4%)
- Yellow (57%)
- Blue (91%)



- Cyan (95%)
- Magenta (0%)
- Yellow (35%)
- Black (9%)





- Cyan (96%)
- Magenta (9%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5805, 60.0187, 39.0404 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 34.5805, 60.0187, 39.0404 by changing the saturation by 10% instead.


 34.5805, 60.0187,
39.0404


 34.5805, 60.0187,
39.0404


314.2533,
424.6667, 357.4933


 23.5049, 43.4337,
26.4831


 66.1737, 104.8568,
74.9211


 15.0895, 30.2256,
16.9564


 87.4220, 133.8787,
99.0815


 8.9690, 20.0099,
10.0418


 112.7919,
167.8150, 127.9467

 4.7779, 12.4022,
5.3207

 142.6489,
207.0501, 161.9352

 2.1509, 7.0182,
2.3746

 177.3581,
251.9685, 201.4656

 0.7167, 3.4735,
0.7726

217.2850,

 0.0000, 1.3836,

302.9544, 246.9564

0.0000

262.7950,
360.3924, 298.8261

■ 0.0000, 0.2046,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 34.5805, 60.0187,
39.0404

■ 34.5805, 60.0187,
39.0404

■ 34.1213, 59.8208,
37.3369

■ 35.8267, 60.5800,
42.8367

■ 37.6380, 61.4252,
46.9235

■ 40.1061, 62.6030,
51.3116

■ 43.3048, 64.1513,
56.0093

■ 47.2973, 66.1027,
61.0246

■ 52.1400, 68.4860,
66.3648

■ 57.8839, 71.3274,
72.0368

■ 64.5757, 74.6511,
78.0475

■ 72.2589, 78.4792,
84.4032

Harmonies

Analogous

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



41.3745, 60.0187, 19.7656



34.5805, 60.0187, 39.0404



33.2534, 60.0187, 76.8354

Triad

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



34.5805, 60.0187, 39.0404



60.9267, 60.0187, 183.8217



82.6392, 60.0187, 27.1493

Complementary

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



34.5805, 60.0187, 39.0404



35.3325, 18.1693, 11.7748

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.



90.1172, 60.0187, 55.0706



34.5805, 60.0187, 39.0404



76.2459, 60.0187, 153.3102

Square

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



34.5805, 60.0187, 39.0404



46.9121, 60.0187, 173.3163



87.5950, 60.0187, 101.4218



68.5433, 60.0187, 15.2607

Rectangle

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



34.5805, 60.0187, 39.0404



35.3893, 60.0187, 110.9293



87.5950, 60.0187, 101.4218



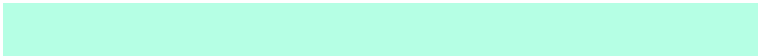
86.1121, 60.0187, 34.3595

Sweetspot

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



34.5821, 60.0211, 39.0418



68.8166, 86.9453, 86.4766



33.3365, 60.0173, 10.1447



14.0875, 18.2924, 17.8685



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

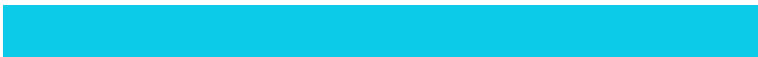
The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.5821, 60.0211, 39.0418



42.2399, 74.1120, 46.0427



35.9516, 48.3922, 83.7925



14.5716, 16.2421, 17.2746



19.0047, 33.2340, 21.0570



1.4487, 2.4736, 1.7895

Inverse Universe

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



35.3325, 18.1693, 11.7748



43.2367, 22.0587, 12.4442



34.1157, 18.7311, 2.1346



14.5943, 14.4549, 16.0639



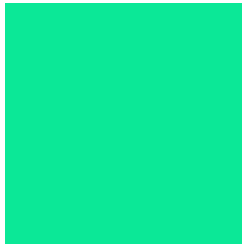
19.4416, 9.9109, 5.9547



1.4802, 0.7498, 0.6692

Previews

White Background



This preview shows how the XYZ color 34.5805, 60.0187, 39.0404 looks on a white background.

Color Contrast Check

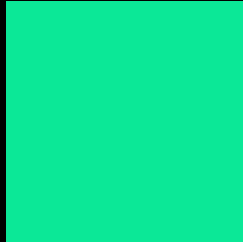
Large Text (above 18pt) WCAG AA × Fail

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 34.5805, 60.0187, 39.0404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

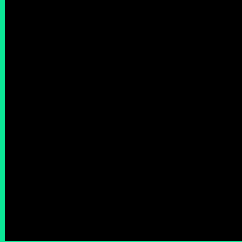
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.5805, 60.0187, 39.0404

Background



This preview shows how black text looks on a background with the XYZ color 34.5805, 60.0187, 39.0404.



This preview shows how white text looks on a background with the XYZ color 34.5805, 60.0187,

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

34.5805, 60.0187, 39.0404

Protanopia

54.3875, 58.5137, 32.4725

Deuteranopia

59.8979, 58.7838, 41.4472



Tritanopia

44.9161, 59.7387, 90.8248

Trichromacy



Original Color

34.5805, 60.0187, 39.0404



Protanomaly

39.8291, 54.9098, 34.4860



Deuteranomaly

41.9681, 54.4161, 40.1897



Tritanomaly

39.8186, 59.1962, 68.3588

Monochromacy



Original Color

34.5805, 60.0187, 39.0404



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

28.7658, 39.5906, 37.1360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5805, 60.0187, 39.0404 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(11, 232, 151)` looks like.

```
.text, #text, p{  
    color:rgb(11, 232, 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(11, 232, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 232, 151) }
```

Border

The CSS property to change the border of an element to XYZ 34.5805, 60.0187, 39.0404 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(11, 232, 151) }
```


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

```
.border{ border-color:rgb(11, 232, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 232, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 232, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 232, 151);  
box-shadow:4px 4px 4px 4px rgb(11, 232,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5805, 60.0187, 39.0404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 232, 151) }
```

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

```
.background{ background-color: rgb(11, 232,  
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](#).

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