

Converting Colors

XYZ(16.3256, 34.3085, 5.7968)

Have a look what the booklet for
XYZ(16.3256, 34.3085, 5.7968)
contains.

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Color

**XYZ(17.3544, 34.7001,
5.8118)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00B901 |
| RGB | 0, 185, 1 |
| RGB Percent | 0%, 73%, 0% |
| CMY | 1.0000, 0.2745, 0.9960 |
| CMYK | 1.00, 0.00, 0.99, 0.27 |
| HSL | 120°, 100%, 36% |
| HSV | 120°, 100%, 73% |
| XYZ | 17.3544, 34.7001, 5.8118 |
| YIQ | 108.7090, -51.1960, -96.4440 |

Conversions

Conversions Part 2

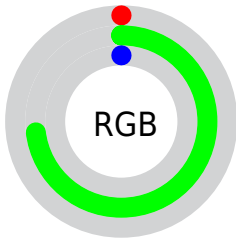
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 184, 185 |
| Decimal | 47361 |
| CIELab | 65.51, -67.70, 65.24 |
| CIELCh | 66, 94.017, 136.060 |
| Yxy | 34.7001, 0.2999, 0.5997 |
| Android (android.graphics.Color) | 4278237441 (0xFF00B901) |
| YUV | 108.7090, -53.1005, -95.3378 |
| Hunter-Lab | 58.9068, -50.4994, 35.3851 |

Details

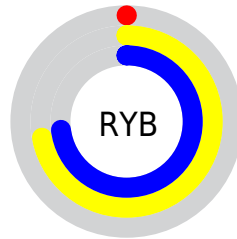
The XYZ color **17.3544, 34.7001, 5.8118** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **28.6586, 13.7748, 46.4878**, and the grayscale version is **14.6106, 15.3715, 16.7395**.

A 20% lighter version of the original color is **38.3472, 66.7494, 17.8840**, and **7.9826, 15.9653, 2.6609** is the 20% darker color. If you saturate the color by 10%, you get **17.3552, 34.7016, 5.8126**, and if you desaturate by 10%, it is **17.7297, 34.8813, 6.4332**.

Distribution



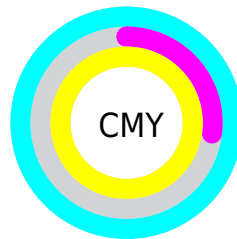
- Red (0%)
- Green (73%)
- Blue (0%)



- Red (0%)
- Yellow (72%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (99%)
- Black (27%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.3544, 34.7001, 5.8118 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 17.3544, 34.7001, 5.8118 by changing the saturation by 10% instead.


 17.3544, 34.7001,
5.8118


 17.3544, 34.7001,
5.8118


230.3231,
323.2426, 166.6269


 10.5844, 23.4320,
2.6641


 38.4729, 67.0209,
18.0099


 5.8533, 14.9128,
0.9253


 53.5520, 88.8424,
27.8973


 2.7959, 8.7582,
0.0000


 72.1316, 114.9504,
40.8683

 1.0468, 4.5838,
0.0000

 94.5769, 145.7293,
57.3415

 0.0000, 2.0052,
0.0000

 121.2534,
181.5637, 77.7354

 0.0000, 0.6105,
0.0000

 152.5264,

 0.0000, 0.0000,

222.8377, 102.4686

0.0000

188.7611,
269.9359, 131.9596

■ 17.3544, 34.7001,
5.8118

■ 17.3544, 34.7001,
5.8118

■ 17.3552, 34.7016,
5.8126

■ 17.7297, 34.8813,
6.4332

■ 18.4595, 35.2314,
7.6455

■ 19.6718, 35.8134,
9.6447

■ 21.4306, 36.6579,
12.5334

■ 23.7898, 37.7911,
16.3989

■ 26.7973, 39.2357,
21.3182

■ 30.4958, 41.0124,
27.3604

■ 34.9245, 43.1401,
34.5888

■ 40.1198, 45.6362,
43.0621

Harmonies

Analogous

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



26.1859, 34.7001, 1.7212



17.3544, 34.7001, 5.8118



13.3810, 34.7001, 22.3014

Triad

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



17.3544, 34.7001, 5.8118



27.0055, 34.7001, 169.4948



65.5271, 34.7001, 20.4486

Complementary

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



17.3544, 34.7001, 5.8118



28.6586, 13.7748, 46.4878

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.



65.9286, 34.7001, 59.1513



17.3544, 34.7001, 5.8118



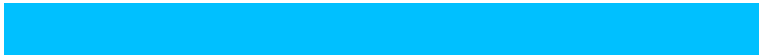
40.8613, 34.7001, 167.5276

Square

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



17.3544, 34.7001, 5.8118



17.8097, 34.7001, 122.9043



55.9550, 34.7001, 118.6008



54.9755, 34.7001, 5.2607

Rectangle

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



17.3544, 34.7001, 5.8118



13.0377, 34.7001, 46.3658



55.9550, 34.7001, 118.6008



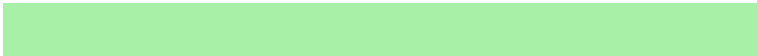
66.9363, 34.7001, 30.3298

Sweetspot

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



17.3552, 34.7016, 5.8126



54.2608, 73.2796, 48.4210



37.3581, 45.0140, 6.7196



11.0727, 15.4974, 9.4180



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



17.3552, 34.7016, 5.8126



31.0791, 62.1466, 10.3953



19.3034, 35.4808, 16.0717



8.8923, 10.0609, 9.5903



11.8178, 23.6281, 3.9624



0.4173, 0.8332, 0.1433

Inverse Universe

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



28.6586, 13.7748, 46.4878



51.3221, 24.6683, 83.2394



21.9622, 11.0962, 11.2248



9.3788, 9.1619, 11.3420



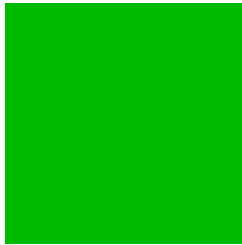
19.5141, 9.3794, 31.6578



0.6886, 0.3309, 1.1197

Previews

White Background



This preview shows how the XYZ color 17.3544, 34.7001, 5.8118 looks on a white background.

Color Contrast Check

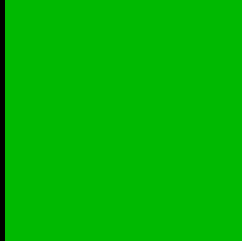
Large Text (above 18pt) WCAG AA × Fail

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 17.3544, 34.7001, 5.8118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

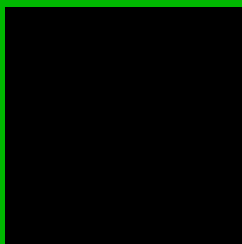
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

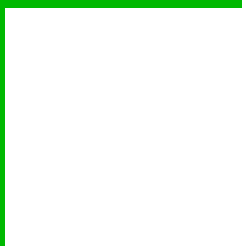
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3544, 34.7001, 5.8118

Background



This preview shows how black text looks on a background with the XYZ color 17.3544, 34.7001, 5.8118.



This preview shows how white text looks on a background with the XYZ color 17.3544, 34.7001,

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

17.3544, 34.7001, 5.8118

Protanopia

30.5870, 33.9187, 4.9349

Deuteranopia

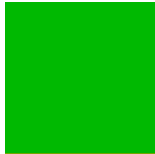
34.8425, 34.1080, 6.7546



Tritanopia

26.7573, 34.6699, 51.7361

Trichromacy



Original Color

17.3544, 34.7001, 5.8118



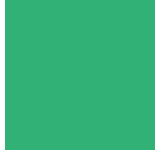
Protanomaly

20.8127, 31.5160, 4.9862



Deuteranomaly

22.0360, 30.7810, 5.7572



Tritanomaly

20.3673, 33.4543, 22.8366

Monochromacy



Original Color

17.3544, 34.7001, 5.8118



Achromatopsia

14.5356, 15.2926, 16.6537



Achromatomaly

12.5054, 19.5987, 8.9182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3544, 34.7001, 5.8118 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, 185, 1)` looks like.

```
.text, #text, p{  
    color:rgb(0, 185, 1)  
}
```

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, 185, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 185, 1) }
```

Border

The CSS property to change the border of an element to XYZ 17.3544, 34.7001, 5.8118 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, 185, 1) }
```


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

```
.border{ border-color:rgb(0, 185, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 185, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 185, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 185, 1); box-shadow:4px  
4px 4px 4px rgb(0, 185, 1) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3544, 34.7001, 5.8118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 185, 1) }
```

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

```
.background{ background-color: rgb(0, 185,  
1) }
```

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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