

Converting Colors

XYZ(17.1036, 34.1334, 5.9283)

Have a look what the booklet for
XYZ(17.1036, 34.1334, 5.9283)
contains.

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Color

**XYZ(17.1843, 34.2985,
5.9443)**

Conversions

Conversions Part 1

Format	Color
Hex	00B808
RGB	0, 184, 8
RGB Percent	0%, 72%, 3%
CMY	1.0000, 0.2784, 0.9686
CMYK	1.00, 0.00, 0.96, 0.28
HSL	123°, 100%, 36%
HSV	123°, 100%, 72%
XYZ	17.1843, 34.2985, 5.9443
YIQ	108.9200, -53.1680, -93.7440

Conversions

Conversions Part 2

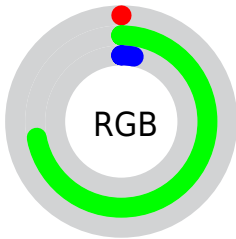
Format	Color
RYB	0, 176, 184
Decimal	47112
CIELab	65.20, -67.27, 64.13
CIELCh	65, 92.936, 136.369
Yxy	34.2985, 0.2992, 0.5973
Android (android.graphics.Color)	4278237192 (0xFF00B808)
YUV	108.9200, -49.7536, -95.5228
Hunter-Lab	58.5649, -50.1126, 34.9775

Details

The XYZ color **17.1843, 34.2985, 5.9443** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **27.6029, 13.3247, 42.1833**, and the grayscale version is **14.6619, 15.4254, 16.7983**.

A 20% lighter version of the original color is **38.0122, 66.1278, 18.1576**, and **7.8503, 15.7005, 2.6168** is the 20% darker color. If you saturate the color by 10%, you get **17.1851, 34.2999, 5.9451**, and if you desaturate by 10%, it is **17.5804, 34.4877, 6.6852**.

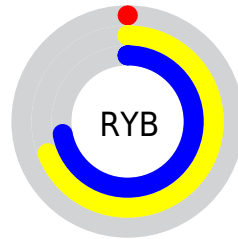
Distribution



Red (0%)

Green (72%)

Blue (3%)



Red (0%)

Yellow (69%)

Blue (72%)

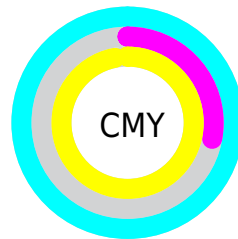


Cyan (100%)

Magenta (0%)

Yellow (96%)

Black (28%)



Cyan (100%)


Magenta (28%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.1843, 34.2985, 5.9443 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 17.1843, 34.2985, 5.9443 by changing the saturation by 10% instead.


 17.1843, 34.2985,
5.9443


 17.1843, 34.2985,
5.9443


229.3678,
321.4610, 167.8618


 10.4621, 23.1230,
2.7430


 38.1835, 66.3976,
18.2908


 5.7710, 14.6844,
0.9650


 53.1911, 88.0900,
28.2732

 2.7457, 8.5982,
0.0000


 71.6913, 114.0568,
41.3529

 1.0207, 4.4800,
0.0000

 94.0494, 144.6824,
57.9486

 0.0000, 1.9455,
0.0000

 120.6308,
180.3513, 78.4788

 0.0000, 0.5755,
0.0000

 151.8007,

 0.0000, 0.0000,

221.4477, 103.3620

0.0000

187.9246,
268.3562, 133.0169

■ 17.1843, 34.2985,
5.9443

■ 17.1843, 34.2985,
5.9443

■ 17.1851, 34.2999,
5.9451

■ 17.5804, 34.4877,
6.6852

■ 18.3370, 34.8480,
8.0662

■ 19.5651, 35.4352,
10.1972

■ 21.3246, 36.2784,
13.1641

■ 23.6668, 37.4025,
17.0411

■ 26.6368, 38.8292,
21.8942

■ 30.2753, 40.5784,
27.7834

■ 34.6195, 42.6679,
34.7639

■ 39.7041, 45.1146,
42.8868

Harmonies

Analogous

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



25.8149, 34.2985, 1.7873



17.1843, 34.2985, 5.9443



13.3145, 34.2985, 22.4171

Triad

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



17.1843, 34.2985, 5.9443



26.8547, 34.2985, 166.2826



64.4034, 34.2985, 20.0616

Complementary

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



17.1843, 34.2985, 5.9443



27.6029, 13.3247, 42.1833

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.



64.9105, 34.2985, 57.7574



17.1843, 34.2985, 5.9443



40.4799, 34.2985, 163.8050

Square

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



17.1843, 34.2985, 5.9443



17.7634, 34.2985, 121.1857



55.2403, 34.2985, 115.7596



54.0023, 34.2985, 5.2362

Rectangle

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



17.1843, 34.2985, 5.9443



13.0026, 34.2985, 46.2186



55.2403, 34.2985, 115.7596



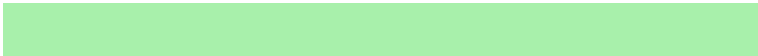
65.8186, 34.2985, 29.6872

Sweetspot

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



17.1851, 34.2999, 5.9451



54.5190, 73.3829, 49.7809



35.4714, 43.7319, 6.5716



11.1314, 15.5209, 9.7272



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.



17.1851, 34.2999, 5.9451



31.1291, 62.1666, 10.6587



19.3522, 35.1668, 17.3566



8.9058, 10.0663, 9.6613



11.8502, 23.6410, 4.1333



0.4231, 0.8356, 0.1741

Inverse Universe

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



27.6029, 13.3247, 42.1833



50.0117, 24.1441, 76.3390



21.4424, 10.8605, 9.7424



9.3636, 9.1558, 11.2620



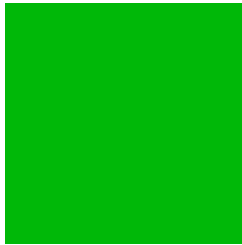
19.0299, 9.1857, 29.1081



0.6761, 0.3259, 1.0538

Previews

White Background



This preview shows how the XYZ color 17.1843, 34.2985, 5.9443 looks on a white background.

Color Contrast Check

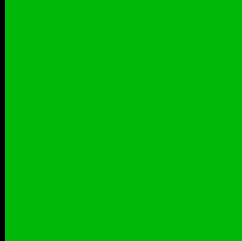
Large Text (above 18pt) WCAG AA × Fail

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 17.1843, 34.2985, 5.9443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

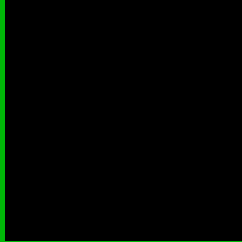
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 17.1843, 34.2985, 5.9443

Background



This preview shows how black text looks on a background with the XYZ color 17.1843, 34.2985, 5.9443.



This preview shows how white text looks on a background with the XYZ color 17.1843, 34.2985,

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

17.1843, 34.2985, 5.9443

Protanopia

30.3583, 33.8008, 4.9242

Deuteranopia

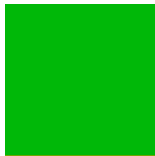
34.1564, 33.5184, 6.6769



Tritanopia

26.3804, 34.2064, 51.1110

Trichromacy



Original Color

17.1843, 34.2985, 5.9443



Protanomaly

20.6452, 31.1547, 5.0115



Deuteranomaly

21.5874, 30.2845, 5.8063



Tritanomaly

20.2431, 33.0841, 23.4081

Monochromacy



Original Color

17.1843, 34.2985, 5.9443



Achromatopsia

14.5356, 15.2926, 16.6537



Achromatomaly

12.4281, 19.3414, 9.2091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1843, 34.2985, 5.9443 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, 184, 8)` looks like.

```
.text, #text, p{  
    color:rgb(0, 184, 8)  
}
```

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, 184, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 184, 8) }
```

Border

The CSS property to change the border of an element to XYZ 17.1843, 34.2985, 5.9443 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, 184, 8) }
```


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

```
.border{ border-color:rgb(0, 184, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 184, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 184, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 184, 8); box-shadow:4px  
4px 4px 4px rgb(0, 184, 8) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1843, 34.2985, 5.9443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 184, 8) }
```

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

```
.background{ background-color: rgb(0, 184,  
8) }
```

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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