

Converting Colors

XYZ(17.0911, 34.1286, 5.8624)

Have a look what the booklet for
XYZ(17.0911, 34.1286, 5.8624)
contains.

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Color

**XYZ(17.1734, 34.2941,
5.8866)**

Conversions

Conversions Part 1

Format	Color
Hex	00B806
RGB	0, 184, 6
RGB Percent	0%, 72%, 2%
CMY	1.0000, 0.2784, 0.9764
CMYK	1.00, 0.00, 0.97, 0.28
HSL	122°, 100%, 36%
HSV	122°, 100%, 72%
XYZ	17.1734, 34.2941, 5.8866
YIQ	108.6920, -52.5260, -94.3660

Conversions

Conversions Part 2

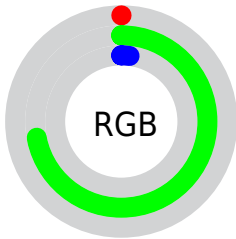
Format	Color
RYB	0, 178, 184
Decimal	47110
CIELab	65.20, -67.31, 64.37
CIELCh	65, 93.135, 136.281
Yxy	34.2941, 0.2994, 0.5979
Android (android.graphics.Color)	4278237190 (0xFF00B806)
YUV	108.6920, -50.6272, -95.3229
Hunter-Lab	58.5612, -50.1359, 35.0330

Details

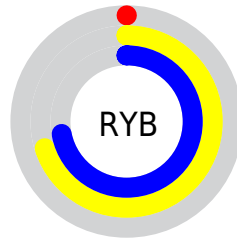
The XYZ color **17.1734, 34.2941, 5.8866** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **27.8028, 13.4048, 43.2360**, and the grayscale version is **14.5997, 15.3600, 16.7271**.

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 **17.1741, 34.2955, 5.8872**, and if you desaturate by 10%, it is **17.5612, 34.4800, 6.5840**.

Distribution



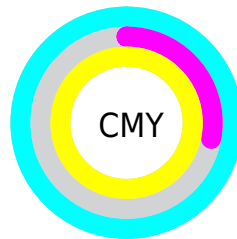
- Red (0%)
- Green (72%)
- Blue (2%)



- Red (0%)
- Yellow (70%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (97%)
- Black (28%)





- Cyan (100%)
- Magenta (28%)
- Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.1734, 34.2941, 5.8866 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 17.1734, 34.2941, 5.8866 by changing the saturation by 10% instead.


 17.1734, 34.2941,
5.8866

 17.1734, 34.2941,
5.8866


229.3065,
321.4415, 167.3256


 10.4543, 23.1196,
2.7086


 38.1649, 66.3908,
18.1687


 5.7657, 14.6819,
0.9477


 53.1680, 88.0817,
28.1098

 2.7425, 8.5964,
0.0000


 71.6631, 114.0470,
41.1423

 1.0191, 4.4789,
0.0000

 94.0156, 144.6709,
57.6848

 0.0000, 1.9449,
0.0000

 120.5908,
180.3380, 78.1559

 0.0000, 0.5752,
0.0000

 151.7541,

 0.0000, 0.0000,

221.4325, 102.9740

0.0000

187.8709,
268.3388, 132.5577

■ 17.1734, 34.2941,
5.8866

■ 17.1734, 34.2941,
5.8866

■ 17.1741, 34.2955,
5.8872

■ 17.5612, 34.4800,
6.5840

■ 18.3083, 34.8365,
7.9139

■ 19.5283, 35.4205,
10.0021

■ 21.2822, 36.2615,
12.9385

■ 23.6217, 37.3845,
16.8007

■ 26.5925, 38.8115,
21.6574

■ 30.2357, 40.5626,
27.5708

■ 34.5890, 42.6558,
34.5981

■ 39.6873, 45.1079,
42.7923

Harmonies

Analogous

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



25.8308, 34.2941, 1.7625



17.1734, 34.2941, 5.8866



13.2877, 34.2941, 22.3081

Triad

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



17.1734, 34.2941, 5.8866



26.8055, 34.2941, 166.6141



64.4983, 34.2941, 20.1014

Complementary

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



17.1734, 34.2941, 5.8866



27.8028, 13.4048, 43.2360

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.



64.9742, 34.2941, 57.9499



17.1734, 34.2941, 5.8866



40.4488, 34.2941, 164.2870

Square

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



17.1734, 34.2941, 5.8866



17.7158, 34.2941, 121.2538



55.2522, 34.2941, 116.1587



54.0905, 34.2941, 5.2253

Rectangle

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



17.1734, 34.2941, 5.8866



12.9681, 34.2941, 46.1023



55.2522, 34.2941, 116.1587



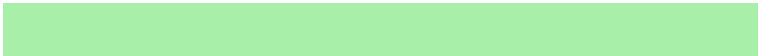
65.9070, 34.2941, 29.7656

Sweetspot

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



17.1742, 34.2955, 5.8874



54.4446, 73.3531, 49.3888



36.1824, 44.0984, 6.6050



11.1144, 15.5141, 9.6379



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.



17.1742, 34.2955, 5.8874



31.1148, 62.1609, 10.5833



19.2100, 35.1098, 16.6078



8.9019, 10.0647, 9.6409



11.8409, 23.6373, 4.0844



0.4215, 0.8349, 0.1653

Inverse Universe

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



27.8028, 13.4048, 43.2360



50.3799, 24.2914, 78.2775



21.5685, 10.9111, 10.4068



9.3679, 9.1575, 11.2848



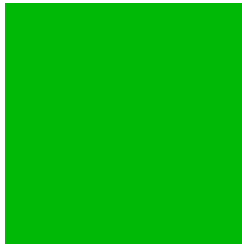
19.1660, 9.2402, 29.8247



0.6796, 0.3273, 1.0724

Previews

White Background



This preview shows how the XYZ color 17.1734, 34.2941, 5.8866 looks on a white background.

Color Contrast Check

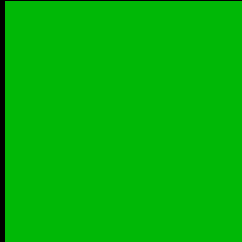
Large Text (above 18pt) WCAG AA × Fail

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 17.1734, 34.2941, 5.8866 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 17.1734, 34.2941, 5.8866

Background



This preview shows how black text looks on a background with the XYZ color 17.1734, 34.2941, 5.8866.



This preview shows how white text looks on a background with the XYZ color 17.1734, 34.2941,

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

17.1734, 34.2941, 5.8866

Protanopia

30.3583, 33.8008, 4.9242

Deuteranopia

34.1564, 33.5184, 6.6769



Tritanopia

26.3804, 34.2064, 51.1110

Trichromacy



Original Color

17.1734, 34.2941, 5.8866



Protanomaly

20.6397, 31.1525, 4.9826



Deuteranomaly

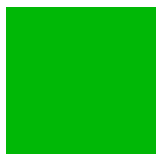
21.5874, 30.2845, 5.8063



Tritanomaly

20.1821, 33.0597, 23.0868

Monochromacy



Original Color

17.1734, 34.2941, 5.8866



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 17.1734, 34.2941, 5.8866 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, 6)` looks like.

```
.text, #text, p{  
    color:rgb(0, 184, 6)  
}
```

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, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 184, 6) }
```

Border

The CSS property to change the border of an element to XYZ 17.1734, 34.2941, 5.8866 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, 6) }
```


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

```
.border{ border-color:rgb(0, 184, 6) }
```

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, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 184, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 184, 6); box-shadow:4px  
4px 4px 4px rgb(0, 184, 6) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1734, 34.2941, 5.8866 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, 6) }
```

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

```
.background{ background-color: rgb(0, 184,  
6) }
```

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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