

Converting Colors

XYZ(17.0719, 34.1208, 5.7617)

Have a look what the booklet for
XYZ(17.0719, 34.1208, 5.7617)
contains.

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Color

**XYZ(17.1569, 34.2876,
5.8000)**

Conversions

Conversions Part 1	
Format	Color
Hex	00B803
RGB	0, 184, 3
RGB Percent	0%, 72%, 1%
CMY	1.0000, 0.2784, 0.9882
CMYK	1.00, 0.00, 0.98, 0.28
HSL	121°, 100%, 36%
HSV	121°, 100%, 72%
XYZ	17.1569, 34.2876, 5.8000
YIQ	108.3500, -51.5630, -95.2990

Conversions

Conversions Part 2

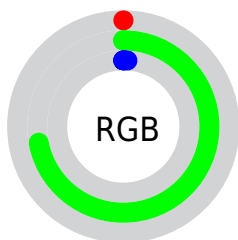
Format	Color
RYB	0, 181, 184
Decimal	47107
CIELab	65.19, -67.38, 64.73
CIELCh	65, 93.436, 136.149
Yxy	34.2876, 0.2997, 0.5990
Android (android.graphics.Color)	4278237187 (0xFF00B803)
YUV	108.3500, -51.9375, -95.0229
Hunter-Lab	58.5556, -50.1715, 35.1162

Details

The XYZ color **17.1569, 34.2876, 5.8000** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **28.1071, 13.5264, 44.8383**, and the grayscale version is **14.5056, 15.2610, 16.6192**.

A 20% lighter version of the original color is **37.9760, 66.1133, 17.9673**, and **7.8503, 15.7005, 2.6168** is the 20% darker color. If you saturate the color by 10%, you get **17.1577, 34.2891, 5.8008**, and if you desaturate by 10%, it is **17.5347, 34.4695, 6.4442**.

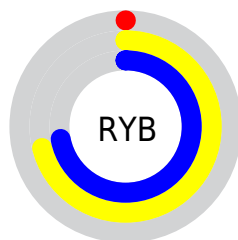
Distribution



Red (0%)

Green (72%)

Blue (1%)



Red (0%)

Yellow (71%)

Blue (72%)

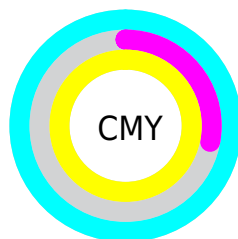


Cyan (100%)

Magenta (0%)

Yellow (98%)

Black (28%)



Cyan (100%)


Magenta (28%)


Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1569, 34.2876, 5.8000 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 17.1569, 34.2876, 5.8000 by changing the saturation by 10% instead.


 17.1569, 34.2876,
5.8000


 17.1569, 34.2876,
5.8000


229.2136,
321.4126, 166.5163


 10.4424, 23.1146,
2.6570


 38.1368, 66.3807,
17.9848


 5.7578, 14.6782,
0.9217


 53.1329, 88.0695,
27.8637

 2.7376, 8.5938,
0.0000


 71.6203, 114.0325,
40.8250

 1.0166, 4.4772,
0.0000

 93.9643, 144.6540,
57.2872

 0.0000, 1.9439,
0.0000

 120.5303,
180.3183, 77.6689

 0.0000, 0.5746,
0.0000

 151.6836,

 0.0000, 0.0000,

221.4099, 102.3887

0.0000

187.7896,
268.3132, 131.8649

■ 17.1569, 34.2876,
5.8000

■ 17.1569, 34.2876,
5.8000

■ 17.1577, 34.2891,
5.8008


■ 17.5347, 34.4695,
6.4442


■ 18.2668, 34.8200,
7.6963


■ 19.4742, 35.3989,
9.7182


■ 21.2188, 36.2362,
12.6066

■ 23.5535, 37.3572,
16.4441

 26.5247, 38.7844,
21.3034

 30.1742, 40.5380,
27.2506

 34.5402, 42.6362,
34.3458

 39.6582, 45.0963,
42.6449

Harmonies

Analogous

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



25.8548, 34.2876, 1.7253



17.1569, 34.2876, 5.8000



13.2473, 34.2876, 22.1441

Triad

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



17.1569, 34.2876, 5.8000



26.7312, 34.2876, 167.1185



64.6425, 34.2876, 20.1618

Complementary

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



17.1569, 34.2876, 5.8000



28.1071, 13.5264, 44.8383

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.



65.0712, 34.2876, 58.2422



17.1569, 34.2876, 5.8000



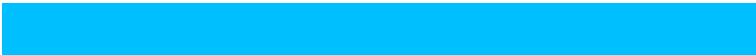
40.4021, 34.2876, 165.0196

Square

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



17.1569, 34.2876, 5.8000



17.6441, 34.2876, 121.3584



55.2706, 34.2876, 116.7651



54.2244, 34.2876, 5.2086

Rectangle

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



17.1569, 34.2876, 5.8000



12.9160, 34.2876, 45.9273



55.2706, 34.2876, 116.7651



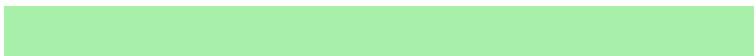
66.0414, 34.2876, 29.8845

Sweetspot

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



17.1577, 34.2891, 5.8008



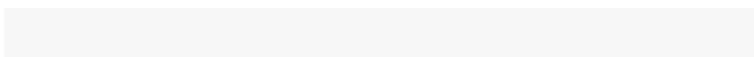
54.3341, 73.3089, 48.8072



36.9092, 44.4732, 6.6389



11.0893, 15.5040, 9.5057



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.



17.1577, 34.2891, 5.8008



31.0934, 62.1523, 10.4707



19.0731, 35.0552, 15.8867



8.8962, 10.0624, 9.6106



11.8271, 23.6318, 4.0113



0.4190, 0.8339, 0.1521

Inverse Universe

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



28.1071, 13.5264, 44.8383



50.9403, 24.5156, 81.2289



21.6999, 10.9635, 11.0981



9.3744, 9.1601, 11.3191



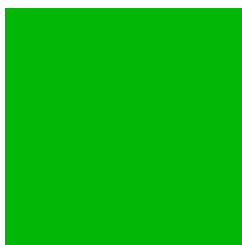
19.3731, 9.3230, 30.9153



0.6850, 0.3295, 1.1006

Previews

White Background



This preview shows how the XYZ color 17.1569, 34.2876, 5.8000 looks on a white background.

Color Contrast Check

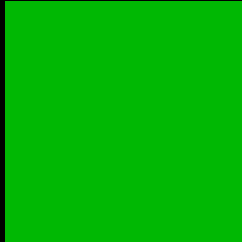
Large Text (above 18pt) WCAG AA × Fail

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 17.1569, 34.2876, 5.8000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

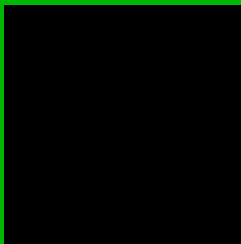
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

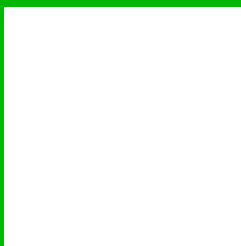
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1569, 34.2876, 5.8000

Background



This preview shows how black text looks on a background with the XYZ color 17.1569, 34.2876, 5.8000.



This preview shows how white text looks on a background with the XYZ color 17.1569, 34.2876,

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

17.1569, 34.2876, 5.8000

Protanopia

30.3583, 33.8008, 4.9242

Deuteranopia

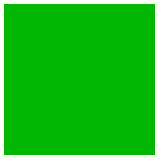
34.4192, 33.6539, 6.6892



Tritanopia

26.3804, 34.2064, 51.1110

Trichromacy



Original Color
17.1569, 34.2876, 5.8000



Protanomaly
20.6342, 31.1503, 4.9538

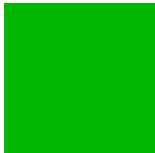


Deuteranomaly
21.7223, 30.3554, 5.7512



Tritanomaly
20.1217, 33.0355, 22.7687

Monochromacy



Original Color
17.1569, 34.2876, 5.8000



Achromatopsia
14.2537, 14.9960, 16.3306



Achromatomaly
12.3639, 19.3157, 8.8710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1569, 34.2876, 5.8000 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, 3)` looks like.

```
.text, #text, p{  
    color:rgb(0, 184, 3)  
}
```

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, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 184, 3) }
```

Border

The CSS property to change the border of an element to XYZ 17.1569, 34.2876, 5.8000 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, 3) }
```


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

```
.border{ border-color:rgb(0, 184, 3) }
```

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, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 184, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 184, 3); box-shadow:4px  
4px 4px 4px rgb(0, 184, 3) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1569, 34.2876, 5.8000 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, 3) }
```

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

```
.background{ background-color: rgb(0, 184,  
3) }
```

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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