

Converting Colors

XYZ(17.2645, 34.0340, 5.8747)

Have a look what the booklet for
XYZ(17.2645, 34.0340, 5.8747)
contains.

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Color

**XYZ(17.2658, 34.0332,
5.8888)**

Conversions

Conversions Part 1

Format	Color
Hex	14B708
RGB	20, 183, 8
RGB Percent	8%, 72%, 3%
CMY	0.9216, 0.2823, 0.9686
CMYK	0.89, 0.00, 0.96, 0.28
HSL	116°, 92%, 37%
HSV	116°, 96%, 72%
XYZ	17.2658, 34.0332, 5.8888
YIQ	114.3130, -40.9730, -88.9810

Conversions

Conversions Part 2

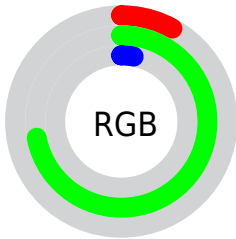
Format	Color
RYB	8, 183, 171
Decimal	1357576
CIELab	64.99, -65.92, 64.00
CIELCh	65, 91.876, 135.844
Yxy	34.0332, 0.3019, 0.5951
Android (android.graphics.Color)	4279547656 (0xFF14B708)
YUV	114.3130, -52.4123, -82.7125
Hunter-Lab	58.3380, -49.2623, 34.8517

Details

The XYZ color **17.2658, 34.0332, 5.8888** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **25.4339, 12.2535, 45.8262**, and the grayscale version is **16.2513, 17.0976, 18.6193**.

A 20% lighter version of the original color is **38.1649, 65.7683, 18.0802**, and **7.7192, 15.4383, 2.5731** is the 20% darker color. If you saturate the color by 10%, you get **17.0933, 33.9504, 5.6522**, and if you desaturate by 10%, it is **17.8889, 34.3385, 6.6813**.

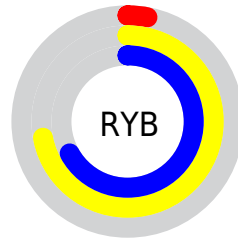
Distribution



Red (8%)

Green (72%)

Blue (3%)



Red (3%)

Yellow (72%)

Blue (67%)

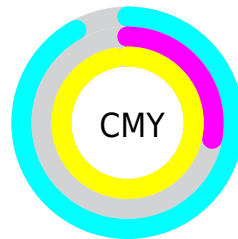


Cyan (89%)

Magenta (0%)

Yellow (96%)

Black (28%)



Cyan (92%)


Magenta (28%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.2658, 34.0332, 5.8888 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 17.2658, 34.0332, 5.8888 by changing the saturation by 10% instead.


 17.2658, 34.0332,
5.8888


 17.2658, 34.0332,
5.8888


229.8260,
320.2801, 167.3461


 10.5207, 22.9191,
2.7099


 38.3222, 65.9853,
18.1733


 5.8104, 14.5338,
0.9484


 53.3641, 87.5921,
28.1160

 2.7697, 8.4928,
0.0000


 71.9024, 113.4652,
41.1503

 1.0332, 4.4119,
0.0000

 94.3024, 143.9891,
57.6949

 0.0000, 1.9065,
0.0000

 120.9293,
179.5482, 78.1682

 0.0000, 0.5523,
0.0000

 152.1487,

 0.0000, 0.0000,

220.5267, 102.9888

0.0000

188.3258,
267.3092, 132.5753

■ 17.2658, 34.0332,
5.8888

■ 17.2658, 34.0332,
5.8888

■ 17.0933, 33.9504,
5.6522

■ 17.8889, 34.3385,
6.6813

■ 18.9269, 34.8418,
8.1720

■ 20.4381, 35.5713,
10.4796

■ 22.4701, 36.5497,
13.6984

■ 25.0648, 37.7968,
17.9097

■ 28.2598, 39.3304,
23.1858

■ 32.0896, 41.1669,
29.5924

■ 36.5857, 43.3212,
37.1898

■ 41.7780, 45.8075,
46.0340

Harmonies

Analogous

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



25.8634, 34.0332, 1.8322



17.2658, 34.0332, 5.8888



13.3650, 34.0332, 21.8921

Triad

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



17.2658, 34.0332, 5.8888



26.4949, 34.0332, 162.8530



63.6634, 34.0332, 20.4585

Complementary

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



17.2658, 34.0332, 5.8888



25.4339, 12.2535, 45.8262

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.



63.9699, 34.0332, 57.9774



17.2658, 34.0332, 5.8888



39.8338, 34.0332, 161.3605

Square

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



17.2658, 34.0332, 5.8888



17.6184, 34.0332, 118.2059



54.3493, 34.0332, 114.9331



53.6004, 34.0332, 5.4528

Rectangle

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



17.2658, 34.0332, 5.8888



13.0116, 34.0332, 45.0148



54.3493, 34.0332, 114.9331



64.9879, 34.0332, 30.0960

Sweetspot

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



17.2666, 34.0346, 5.8896



54.6832, 72.3905, 48.3206



33.6537, 38.2463, 5.8388



11.4442, 15.6849, 9.6137



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.



17.2666, 34.0346, 5.8896



30.5454, 60.7675, 10.1194



18.5171, 34.5131, 13.4564



8.9458, 10.0887, 9.5827



11.9465, 23.6950, 3.9439



0.4405, 0.8453, 0.1399

Inverse Universe

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



25.4339, 12.2535, 45.8262



45.1000, 21.4815, 82.0050



22.4358, 11.3696, 15.7905



9.3186, 9.1306, 11.3507



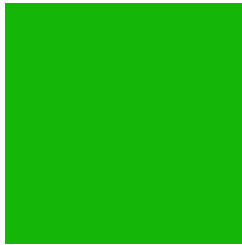
17.6220, 8.3957, 31.9448



0.6395, 0.3054, 1.1270

Previews

White Background



This preview shows how the XYZ color 17.2658, 34.0332, 5.8888 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 17.2658, 34.0332, 5.8888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

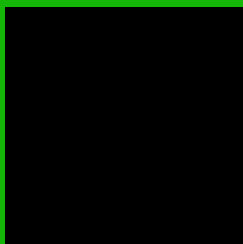
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 17.2658, 34.0332, 5.8888

Background



This preview shows how black text looks on a background with the XYZ color 17.2658, 34.0332, 5.8888.



This preview shows how white text looks on a background with the XYZ color 17.2658, 34.0332,

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

17.2658, 34.0332, 5.8888

Protanopia

30.1884, 33.4611, 4.8675

Deuteranopia

33.9989, 33.2033, 6.6244



Tritanopia

26.2509, 33.8724, 50.5019

Trichromacy



Original Color

17.2658, 34.0332, 5.8888



Protanomaly

21.3984, 31.2721, 4.9945



Deuteranomaly

22.6273, 30.5601, 5.8047



Tritanomaly

20.4651, 32.9156, 23.0440

Monochromacy



Original Color

17.2658, 34.0332, 5.8888



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

13.8109, 20.6787, 9.9201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2658, 34.0332, 5.8888 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(20, 183, 8)` looks like.

```
.text, #text, p{  
    color:rgb(20, 183, 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(20, 183, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 183, 8) }
```

Border

The CSS property to change the border of an element to XYZ 17.2658, 34.0332, 5.8888 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(20, 183, 8) }
```


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

```
.border{ border-color:rgb(20, 183, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 183, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 183, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 183, 8);  
box-shadow:4px 4px 4px 4px rgb(20, 183, 8)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.2658, 34.0332, 5.8888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 183, 8) }
```

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

```
.background{ background-color: rgb(20, 183,  
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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