

Converting Colors

XYZ(17.3313, 34.2562, 5.6986)

Have a look what the booklet for
XYZ(17.3313, 34.2562, 5.6986)
contains.

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Color

**XYZ(17.4090, 34.4194,
5.7261)**

Conversions

Conversions Part 1

Format	Color
Hex	13B800
RGB	19, 184, 0
RGB Percent	7%, 72%, 0%
CMY	0.9255, 0.2784, 0.9999
CMYK	0.90, 0.00, 1.00, 0.28
HSL	114°, 100%, 36%
HSV	114°, 100%, 72%
XYZ	17.4090, 34.4194, 5.7261
YIQ	113.6890, -39.2760, -92.2040

Conversions

Conversions Part 2

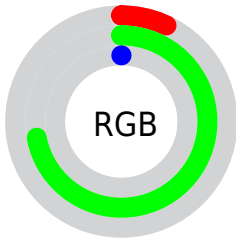
Format	Color
RYB	0, 184, 165
Decimal	1292288
CIELab	65.29, -66.45, 65.23
CIELCh	65, 93.117, 135.531
Yxy	34.4194, 0.3025, 0.5980
Android (android.graphics.Color)	4279482368 (0xFF13B800)
YUV	113.6890, -56.0487, -83.0423
Hunter-Lab	58.6680, -49.7015, 35.2808

Details

The XYZ color **17.4090, 34.4194, 5.7261** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **24.1748, 11.4634, 46.2877**, and the grayscale version is **16.0731, 16.9101, 18.4151**.

A 20% lighter version of the original color is **38.5038, 66.3895, 17.8063**, and **7.8503, 15.7005, 2.6168** is the 20% darker color. If you saturate the color by 10%, you get **17.4093, 34.4206, 5.7263**, and if you desaturate by 10%, it is **17.9640, 34.6936, 6.3402**.

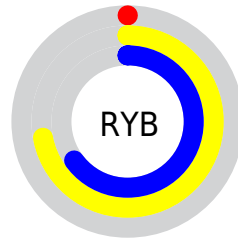
Distribution



Red (7%)

Green (72%)

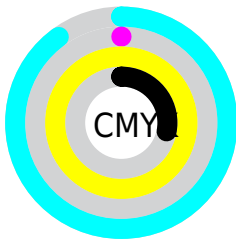
Blue (0%)



Red (0%)

Yellow (72%)

Blue (65%)

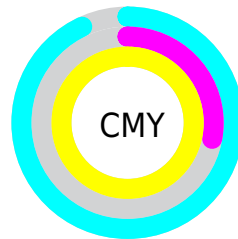


Cyan (90%)

Magenta (0%)

Yellow (100%)

Black (28%)



Cyan (93%)


Magenta (28%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.4090, 34.4194, 5.7261 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 17.4090, 34.4194, 5.7261 by changing the saturation by 10% instead.


 17.4090, 34.4194,
5.7261


 17.4090, 34.4194,
5.7261


230.6290,
321.9981, 165.8214


 10.6236, 23.2160,
2.6132


 38.5657, 66.5853,
17.8274


 5.8798, 14.7531,
0.8992


 53.6677, 88.3167,
27.6529


 2.8121, 8.6463,
0.0000


 72.2727, 114.3260,
40.5530

 1.0552, 4.5112,
0.0000

 94.7460, 144.9979,
56.9463

 0.0000, 1.9634,
0.0000

 121.4529,
180.7167, 77.2512

 0.0000, 0.5861,
0.0000

 152.7588,

 0.0000, 0.0000,

221.8667, 101.8863

0.0000

189.0290,
268.8324, 131.2702

■ 17.4090, 34.4194,
5.7261

■ 17.4090, 34.4194,
5.7261

■ 17.4093, 34.4206,
5.7263

■ 17.9640, 34.6936,
6.3402

■ 18.8886, 35.1449,
7.5237

■ 20.2553, 35.8075,
9.4863

■ 22.1114, 36.7033,
12.3310

■ 24.4979, 37.8516,
16.1451

■ 27.4515, 39.2697,
21.0056

■ 31.0055, 40.9733,
26.9815

■ 35.1907, 42.9769,
34.1361

■ 40.0358, 45.2939,
42.5279

Harmonies

Analogous

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



26.2163, 34.4194, 1.7471



17.4090, 34.4194, 5.7261



13.4017, 34.4194, 21.7406

Triad

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



17.4090, 34.4194, 5.7261



26.6212, 34.4194, 166.3033



64.8262, 34.4194, 20.8237

Complementary

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



17.4090, 34.4194, 5.7261



24.1748, 11.4634, 46.2877

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.



65.0238, 34.4194, 59.4090



17.4090, 34.4194, 5.7261



40.2067, 34.4194, 165.3376

Square

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



17.4090, 34.4194, 5.7261



17.6344, 34.4194, 120.0457



55.0795, 34.4194, 117.9312



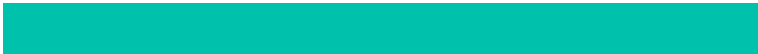
54.5971, 34.4194, 5.4509

Rectangle

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



17.4090, 34.4194, 5.7261



13.0161, 34.4194, 45.1470



55.0795, 34.4194, 117.9312



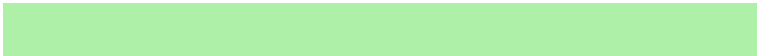
66.1459, 34.4194, 30.7288

Sweetspot

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



17.4098, 34.4208, 5.7269



55.8459, 74.1010, 48.3028



32.7835, 36.2216, 5.2642



11.4341, 15.6847, 9.3913



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.



17.4098, 34.4208, 5.7269



31.4660, 62.3469, 10.3757



18.2643, 34.7316, 11.6266



8.9740, 10.1033, 9.5840



12.0275, 23.7367, 3.9477



0.4527, 0.8516, 0.1405

Inverse Universe

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



24.1748, 11.4634, 46.2877



43.7010, 20.7169, 83.9001



22.7757, 11.3942, 16.7627



9.2872, 9.1144, 11.3492



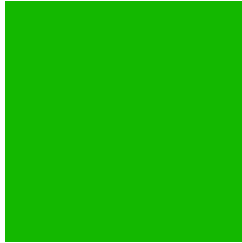
16.6948, 7.9177, 31.9014



0.6150, 0.2928, 1.1258

Previews

White Background



This preview shows how the XYZ color 17.4090, 34.4194, 5.7261 looks on a white background.

Color Contrast Check

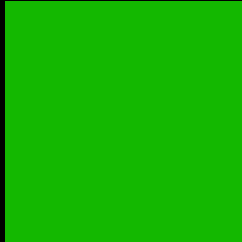
Large Text (above 18pt) WCAG AA × Fail

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 17.4090, 34.4194, 5.7261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

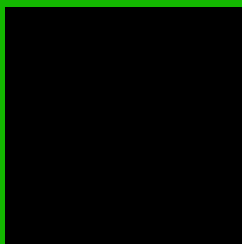
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 17.4090, 34.4194, 5.7261

Background



This preview shows how black text looks on a background with the XYZ color 17.4090, 34.4194, 5.7261.



This preview shows how white text looks on a background with the XYZ color 17.4090, 34.4194,

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

17.4090, 34.4194, 5.7261

Protanopia

30.3583, 33.8008, 4.9242

Deuteranopia

34.4192, 33.6539, 6.6892



Tritanopia

26.5443, 34.2909, 51.1187

Trichromacy



Original Color

17.4090, 34.4194, 5.7261



Protanomaly

21.5644, 31.6305, 4.9687



Deuteranomaly

22.7687, 30.8974, 5.6835



Tritanomaly

20.4827, 33.2285, 22.4737

Monochromacy



Original Color

17.4090, 34.4194, 5.7261



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

13.6597, 20.6085, 9.5612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4090, 34.4194, 5.7261 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(19, 184, 0)` looks like.

```
.text, #text, p{  
    color:rgb(19, 184, 0)  
}
```

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(19, 184, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 184, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.4090, 34.4194, 5.7261 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(19, 184, 0) }
```


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

```
.border{ border-color:rgb(19, 184, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 184, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 184, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 184, 0);  
box-shadow:4px 4px 4px 4px rgb(19, 184, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.4090, 34.4194, 5.7261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 184, 0) }
```

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

```
.background{ background-color: rgb(19, 184,  
0) }
```

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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