

Converting Colors

XYZ(17.2451, 34.2117, 5.6946)

Have a look what the booklet for
XYZ(17.2451, 34.2117, 5.6946)
contains.

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Color

**XYZ(17.3216, 34.3743,
5.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	0EB800
RGB	14, 184, 0
RGB Percent	5%, 72%, 0%
CMY	0.9451, 0.2784, 0.9999
CMYK	0.92, 0.00, 1.00, 0.28
HSL	115°, 100%, 36%
HSV	115°, 100%, 72%
XYZ	17.3216, 34.3743, 5.7220
YIQ	112.1940, -42.2560, -93.2640

Conversions

Conversions Part 2

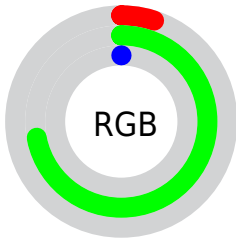
Format	Color
RYB	0, 184, 170
Decimal	964608
CIELab	65.26, -66.77, 65.19
CIELCh	65, 93.318, 135.689
Yxy	34.3743, 0.3017, 0.5987
Android (android.graphics.Color)	4279154688 (0xFF0EB800)
YUV	112.1940, -55.3116, -86.1161
Hunter-Lab	58.6296, -49.8655, 35.2543

Details

The XYZ color **17.3216, 34.3743, 5.7220** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **25.2345, 12.0097, 46.3373**, and the grayscale version is **15.6261, 16.4399, 17.9030**.

A 20% lighter version of the original color is **38.2743, 66.2712, 17.7955**, and **7.8503, 15.7005, 2.6168** is the 20% darker color. If you saturate the color by 10%, you get **17.3220, 34.3755, 5.7222**, and if you desaturate by 10%, it is **17.8190, 34.6187, 6.3334**.

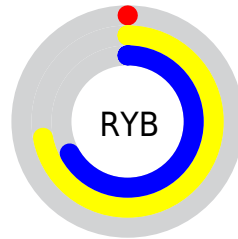
Distribution



Red (5%)

Green (72%)

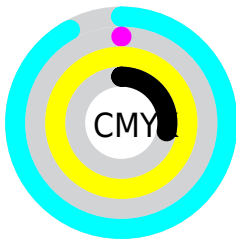
Blue (0%)



Red (0%)

Yellow (72%)

Blue (67%)

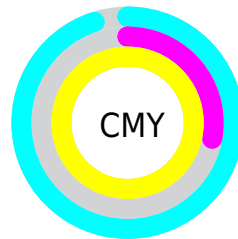


Cyan (92%)

Magenta (0%)

Yellow (100%)

Black (28%)



Cyan (95%)


Magenta (28%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.3216, 34.3743, 5.7220 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 17.3216, 34.3743, 5.7220 by changing the saturation by 10% instead.


 17.3216, 34.3743,
5.7220


 17.3216, 34.3743,
5.7220


230.1392,
321.7978, 165.7828


 10.5608, 23.1813,
2.6107


 38.4171, 66.5153,
17.8187


 5.8374, 14.7274,
0.8980


 53.4825, 88.2321,
27.6412


 2.7862, 8.6283,
0.0000


 72.0468, 114.2256,
40.5379

 1.0417, 4.4996,
0.0000

 94.4753, 144.8803,
56.9273

 0.0000, 1.9567,
0.0000

 121.1335,
180.5804, 77.2279

 0.0000, 0.5822,
0.0000

 152.3866,

 0.0000, 0.0000,

221.7105, 101.8584

0.0000

188.6001,
268.6548, 131.2371

■ 17.3216, 34.3743,
5.7220

■ 17.3216, 34.3743,
5.7220

■ 17.3220, 34.3755,
5.7222

■ 17.8190, 34.6187,
6.3334

■ 18.6915, 35.0433,
7.5144

■ 20.0165, 35.6844,
9.4751

■ 21.8450, 36.5659,
12.3185

■ 24.2208, 37.7087,
16.1321

■ 27.1830, 39.1313,
20.9930

■ 30.7672, 40.8504,
26.9703

■ 35.0061, 42.8816,
34.1274

■ 39.9301, 45.2393,
42.5228

Harmonies

Analogous

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



26.1067, 34.3743, 1.7279



17.3216, 34.3743, 5.7220



13.3383, 34.3743, 21.8175

Triad

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



17.3216, 34.3743, 5.7220



26.6324, 34.3743, 166.7297



64.8133, 34.3743, 20.6278

Complementary

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



17.3216, 34.3743, 5.7220



25.2345, 12.0097, 46.3373

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.



65.0702, 34.3743, 59.1256



17.3216, 34.3743, 5.7220



40.2543, 34.3743, 165.4728

Square

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



17.3216, 34.3743, 5.7220



17.6141, 34.3743, 120.5024



55.1468, 34.3743, 117.7511



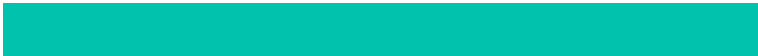
54.5198, 34.3743, 5.3661

Rectangle

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



17.3216, 34.3743, 5.7220



12.9666, 34.3743, 45.3415



55.1468, 34.3743, 117.7511



66.1554, 34.3743, 30.4930

Sweetspot

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



17.3224, 34.3757, 5.7228



55.4102, 73.8763, 48.2824



33.8949, 38.4446, 5.6347



11.3344, 15.6333, 9.3866



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.



17.3224, 34.3757, 5.7228



31.3254, 62.2744, 10.3691



18.4697, 34.8137, 12.7083



8.9519, 10.0918, 9.5830



11.9622, 23.7031, 3.9447



0.4431, 0.8466, 0.1401

Inverse Universe

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



25.2345, 12.0097, 46.3373



45.6500, 21.7217, 83.9913



22.4401, 11.2600, 14.9955



9.3118, 9.1271, 11.3504



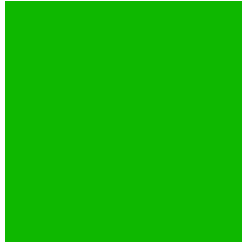
17.4170, 8.2900, 31.9352



0.6341, 0.3026, 1.1267

Previews

White Background



This preview shows how the XYZ color 17.3216, 34.3743, 5.7220 looks on a white background.

Color Contrast Check

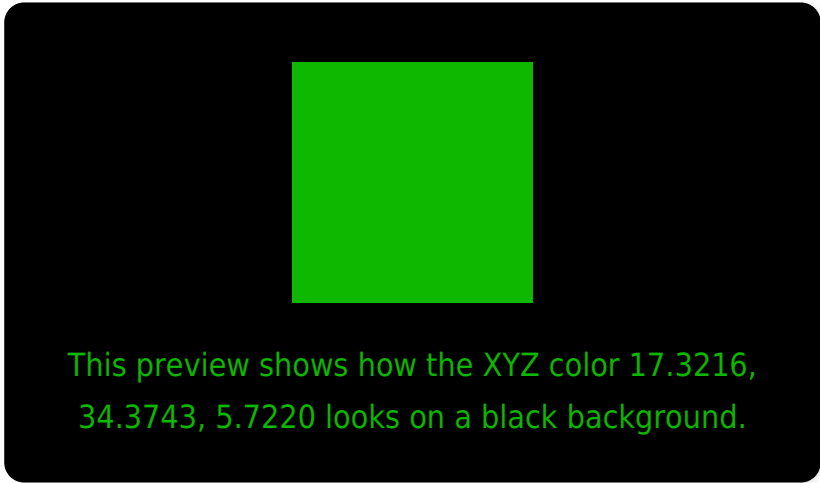
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

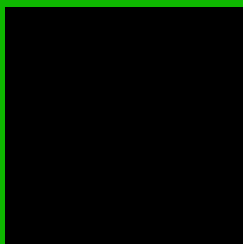
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 17.3216, 34.3743, 5.7220

Background



This preview shows how black text looks on a background with the XYZ color 17.3216, 34.3743, 5.7220.

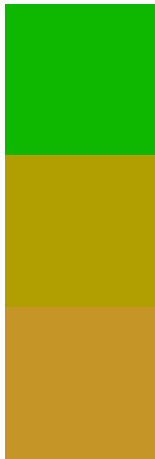


This preview shows how white text looks on a background with the XYZ color 17.3216, 34.3743,

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

17.3216, 34.3743, 5.7220

Protanopia

30.3583, 33.8008, 4.9242

Deuteranopia

34.4192, 33.6539, 6.6892



Tritanopia

26.4618, 34.2483, 51.1148

Trichromacy



Original Color

17.3216, 34.3743, 5.7220



Protanomaly

21.2899, 31.4890, 4.9559



Deuteranomaly

22.4559, 30.7361, 5.6688



Tritanomaly

20.3709, 33.1709, 22.4685

Monochromacy



Original Color

17.3216, 34.3743, 5.7220



Achromatopsia

15.4009, 16.2029, 17.6450



Achromatomaly

13.2063, 20.1684, 9.1581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3216, 34.3743, 5.7220 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(14, 184, 0)` looks like.

```
.text, #text, p{  
    color:rgb(14, 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(14, 184, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 184, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.3216, 34.3743, 5.7220 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(14, 184, 0) }
```


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

```
.border{ border-color:rgb(14, 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(14, 184, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 184, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 184, 0);  
box-shadow:4px 4px 4px 4px rgb(14, 184, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.3216, 34.3743, 5.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 184, 0) }
```

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

```
.background{ background-color: rgb(14, 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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