

Converting Colors

XYZ(30.3343, 60.5942, 10.0971)

Have a look what the booklet for
XYZ(30.3343, 60.5942, 10.0971)
contains.

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Color

**XYZ(30.3343, 60.5942,
10.0971)**

Conversions

Conversions Part 1

Format	Color
Hex	04ED00
RGB	4, 237, 0
RGB Percent	2%, 93%, 0%
CMY	0.9843, 0.0706, 0.9999
CMYK	0.98, 0.00, 1.00, 0.07
HSL	119°, 100%, 46%
HSV	119°, 100%, 93%
XYZ	30.3343, 60.5942, 10.0971
YIQ	140.3150, -62.7910, -123.1030

Conversions

Conversions Part 2

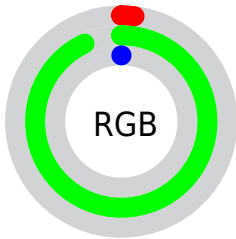
Format	Color
RYB	0, 237, 233
Decimal	322816
CIELab	82.16, -81.41, 78.72
CIELCh	82, 113.243, 135.965
Yxy	60.5942, 0.3003, 0.5998
Android (android.graphics.Color)	4278512896 (0xFF04ED00)
YUV	140.3150, -69.1753, -119.5483
Hunter-Lab	77.8423, -66.6644, 46.7990

Details

The XYZ color **30.3343, 60.5942, 10.0971** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **48.9028, 23.4449, 82.0718**, and the grayscale version is **25.3317, 26.6509, 29.0229**.

A 20% lighter version of the original color is **44.7239, 75.9376, 21.5327**, and **16.1201, 32.2402, 5.3734** is the 20% darker color. If you saturate the color by 10%, you get **30.3351, 60.5964, 10.0975**, and if you desaturate by 10%, it is **30.9077, 60.8729, 10.9704**.

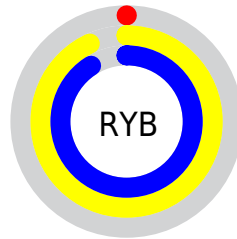
Distribution



Red (2%)

Green (93%)

Blue (0%)



Red (0%)

Yellow (93%)

Blue (91%)

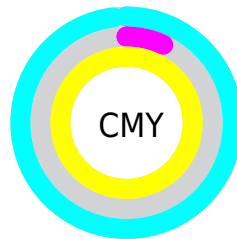


Cyan (98%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (98%)


Magenta (7%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3343, 60.5942, 10.0971 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 30.3343, 60.5942, 10.0971 by changing the saturation by 10% instead.


 30.3343, 60.5942,
10.0971


 30.3343, 60.5942,
10.0971


295.3415,
426.7845, 201.8736


 20.2418, 43.8978,
5.3569


 59.5735, 105.6911,
26.5886


 12.6802, 30.5901,
2.3958


 79.4508, 134.8604,
39.1771

 7.2842, 20.2869,
0.7842


 103.3205,
168.9561, 55.2188

 3.6884, 12.6038,
0.0000

 131.5479,
208.3626, 75.1321

 1.5274, 7.1563,
0.0000

 164.4984,
253.4643, 99.3358

 0.3444, 3.5600,
0.0000

 202.5372,

 0.0000, 1.4306,

304.6456, 128.2482

0.0000

246.0298,
362.2909, 162.2880

■ 0.0000, 0.2391,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 30.3343, 60.5942,
10.0971

■ 30.3343, 60.5942,
10.0971

■ 30.3351, 60.5964,
10.0975

■ 30.9077, 60.8729,
10.9704

■ 32.1530, 61.4733,
12.9065

■ 34.2445, 62.4799,
16.2390

■ 37.2964, 63.9474,
21.1648

■ 41.4055, 65.9220,
27.8490

■ 46.6566, 68.4444,
36.4365

■ 53.1259, 71.5511,
47.0569

■ 60.8831, 75.2754,
59.8285

■ 69.9927, 79.6483,
74.8606

Harmonies

Analogous

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



45.7871, 60.5942, 2.9940



30.3343, 60.5942, 10.0971



23.3705, 60.5942, 38.7880

Triad

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



30.3343, 60.5942, 10.0971



47.0902, 60.5942, 295.9147



114.4753, 60.5942, 35.8427

Complementary

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



30.3343, 60.5942, 10.0971



48.9028, 23.4449, 82.0718

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.



115.1136, 60.5942, 103.5897



30.3343, 60.5942, 10.0971



71.2715, 60.5942, 292.7865

Square

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



30.3343, 60.5942, 10.0971



31.0581, 60.5942, 214.3333



97.6454, 60.5942, 207.4901



96.0881, 60.5942, 9.2214

Rectangle

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



30.3343, 60.5942, 10.0971



22.7565, 60.5942, 80.7185



97.6454, 60.5942, 207.4901



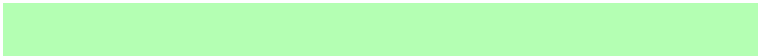
116.9162, 60.5942, 53.1489

Sweetspot

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



30.3357, 60.5967, 10.0985



62.6177, 84.4316, 55.3798



62.9751, 74.1022, 10.9850



12.6738, 17.7218, 10.6557



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.3357, 60.5967, 10.0985



35.8135, 71.5476, 11.9225



33.1342, 61.7104, 25.0945



14.8916, 16.8742, 15.9909



16.5720, 33.0877, 5.5131



1.3095, 2.6024, 0.4333

Inverse Universe

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



48.9028, 23.4449, 82.0718



57.7360, 27.6789, 96.9073



38.7198, 19.5232, 21.6080



15.6884, 15.3002, 19.0486



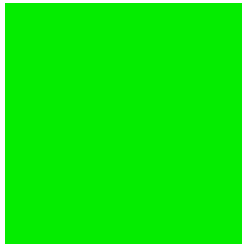
26.7097, 12.8053, 44.8069



2.1054, 1.0096, 3.5188

Previews

White Background



This preview shows how the XYZ color 30.3343, 60.5942, 10.0971 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 30.3343, 60.5942, 10.0971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

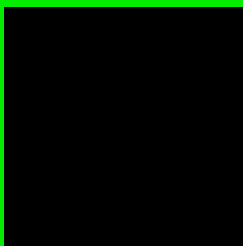
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3343, 60.5942, 10.0971

Background



This preview shows how black text looks on a background with the XYZ color 30.3343, 60.5942, 10.0971.



This preview shows how white text looks on a background with the XYZ color 30.3343, 60.5942,

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

30.3343, 60.5942, 10.0971

Protanopia

53.3508, 59.2059, 8.6160

Deuteranopia

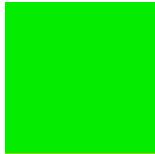
60.3202, 59.0091, 11.3426



Tritanopia

46.2813, 60.0688, 90.0441

Trichromacy



Original Color

30.3343, 60.5942, 10.0971



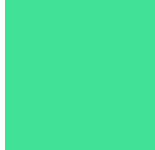
Protanomaly

36.3331, 54.8039, 8.6633



Deuteranomaly

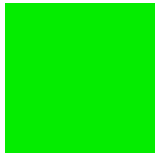
37.9208, 53.0026, 9.5984



Tritanomaly

34.9622, 57.7509, 38.5825

Monochromacy



Original Color

30.3343, 60.5942, 10.0971



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

21.4475, 33.6054, 14.8073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3343, 60.5942, 10.0971 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(4, 237, 0)` looks like.

```
.text, #text, p{  
    color:rgb(4, 237, 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(4, 237, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 237, 0) }
```

Border

The CSS property to change the border of an element to XYZ 30.3343, 60.5942, 10.0971 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(4, 237, 0) }
```


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

```
.border{ border-color:rgb(4, 237, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 237, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 237, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 237, 0); box-shadow:4px  
4px 4px 4px rgb(4, 237, 0) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3343, 60.5942, 10.0971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 237, 0) }
```

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

```
.background{ background-color: rgb(4, 237,  
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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