

Converting Colors

XYZ(30.3509, 60.6654, 10.2253)

Have a look what the booklet for
XYZ(30.3509, 60.6654, 10.2253)
contains.

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Color

**XYZ(30.3061, 60.5771,
10.2101)**

Conversions

Conversions Part 1

Format	Color
Hex	00ED04
RGB	0, 237, 4
RGB Percent	0%, 93%, 2%
CMY	1.0000, 0.0706, 0.9842
CMYK	1.00, 0.00, 0.98, 0.07
HSL	121°, 100%, 46%
HSV	121°, 100%, 93%
XYZ	30.3061, 60.5771, 10.2101
YIQ	139.5750, -66.4590, -122.7070

Conversions

Conversions Part 2

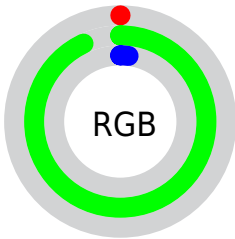
Format	Color
RYB	0, 233, 237
Decimal	60676
CIELab	82.15, -81.48, 78.36
CIELCh	82, 113.046, 136.116
Yxy	60.5771, 0.2998, 0.5992
Android (android.graphics.Color)	4278250756 (0xFF00ED04)
YUV	139.5750, -66.8385, -122.4073
Hunter-Lab	77.8313, -66.7001, 46.7041

Details

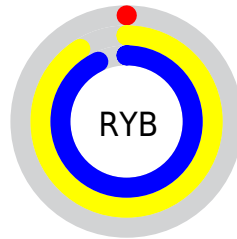
The XYZ color **30.3061, 60.5771, 10.2101** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **49.6307, 23.8870, 79.0662**, and the grayscale version is **25.0345, 26.3383, 28.6824**.

A 20% lighter version of the original color is **44.6334, 75.8861, 21.7463**, and **16.1201, 32.2402, 5.3734** is the 20% darker color. If you saturate the color by 10%, you get **30.3075, 60.5796, 10.2114**, and if you desaturate by 10%, it is **30.8567, 60.8420, 11.1744**.

Distribution



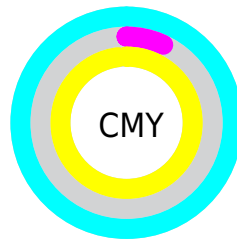
- Red (0%)
- Green (93%)
- Blue (2%)



- Red (0%)
- Yellow (91%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (98%)
- Black (7%)





- Cyan (100%)
- Magenta (7%)
- Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3061, 60.5771, 10.2101 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 30.3061, 60.5771, 10.2101 by changing the saturation by 10% instead.


 30.3061, 60.5771,
10.2101


 30.3061, 60.5771,
10.2101


295.2129,
426.7217, 202.7041


 20.2203, 43.8840,
5.4311


 59.5292, 105.6664,
26.8039


 12.6645, 30.5793,
2.4392


 79.3972, 134.8313,
39.4558


 7.2733, 20.2787,
0.8077


 103.2567,
168.9223, 55.5689

 3.6814, 12.5978,
0.0000

 131.4729,
208.3237, 75.5620

 1.5235, 7.1522,
0.0000

 164.4113,
253.4199, 99.8535

 0.3418, 3.5575,
0.0000

 202.4372,

 0.0000, 1.4292,

304.5954, 128.8620

0.0000

245.9160,
362.2345, 163.0060

■ 0.0000, 0.2381,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 30.3061, 60.5771,
10.2101

■ 30.3061, 60.5771,
10.2101

■ 30.3075, 60.5796,
10.2114

■ 30.8567, 60.8420,
11.1744

■ 32.0657, 61.4205,
13.2544

■ 34.1250, 62.4077,
16.7126

■ 37.1524, 63.8604,
21.7318

■ 41.2471, 65.8264,
28.4669

■ 46.4960, 68.3477,
37.0541

■ 52.9770, 71.4618,
47.6160

■ 60.7616, 75.2029,
60.2646

■ 69.9153, 79.6029,
75.1037

Harmonies

Analogous

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



45.6914, 60.5771, 3.0323



30.3061, 60.5771, 10.2101



23.3882, 60.5771, 39.0531

Triad

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



30.3061, 60.5771, 10.2101



47.1968, 60.5771, 295.4859



114.2741, 60.5771, 35.6488

Complementary

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



30.3061, 60.5771, 10.2101



49.6307, 23.8870, 79.0662

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.



115.0108, 60.5771, 103.0312



30.3061, 60.5771, 10.2101



71.3626, 60.5771, 291.8777

Square

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



30.3061, 60.5771, 10.2101



31.1428, 60.5771, 214.4621



97.6607, 60.5771, 206.5669



95.8630, 60.5771, 9.1956

Rectangle

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



30.3061, 60.5771, 10.2101



22.7978, 60.5771, 81.0685



97.6607, 60.5771, 206.5669



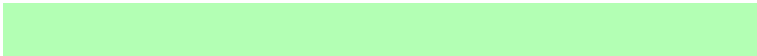
116.7414, 60.5771, 52.8528

Sweetspot

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



30.3075, 60.5796, 10.2115



62.4530, 84.3314, 56.0597



63.9073, 77.9035, 11.6687



12.6366, 17.6992, 10.8090



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.



30.3075, 60.5796, 10.2115



35.7838, 71.5295, 12.0451



33.8264, 61.9872, 28.7418



14.8787, 16.8663, 16.0442



16.5509, 33.0748, 5.6002



1.3033, 2.5986, 0.4590

Inverse Universe

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



49.6307, 23.8870, 79.0662



58.5996, 28.2039, 93.3446



37.9953, 19.2328, 17.7949



15.7031, 15.3091, 18.9879



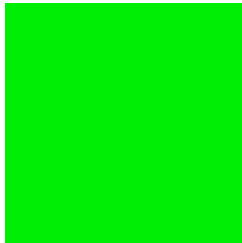
27.1008, 13.0430, 43.1936



2.1316, 1.0256, 3.4104

Previews

White Background



This preview shows how the XYZ color 30.3061, 60.5771, 10.2101 looks on a white background.

Color Contrast Check

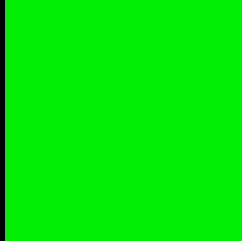
Large Text (above 18pt) WCAG AA × Fail

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 30.3061, 60.5771, 10.2101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

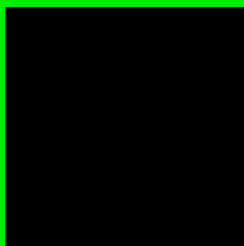
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

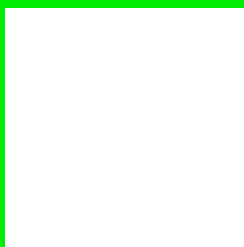
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3061, 60.5771, 10.2101

Background



This preview shows how black text looks on a background with the XYZ color 30.3061, 60.5771, 10.2101.



This preview shows how white text looks on a background with the XYZ color 30.3061, 60.5771,

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

30.3061, 60.5771, 10.2101

Protanopia

53.3508, 59.2059, 8.6160

Deuteranopia

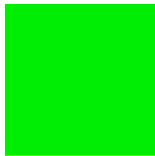
60.3425, 59.0180, 11.4600



Tritanopia

46.1714, 60.0121, 90.0389

Trichromacy



Original Color

30.3061, 60.5771, 10.2101



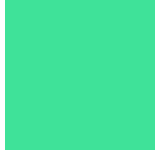
Protanomaly

35.9830, 54.6228, 8.6755



Deuteranomaly

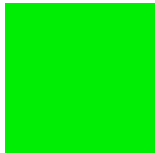
37.7595, 52.9145, 9.8135



Tritanomaly

34.9960, 57.7494, 39.4393

Monochromacy



Original Color

30.3061, 60.5771, 10.2101



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

21.3381, 33.5391, 15.2466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3061, 60.5771, 10.2101 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, 237, 4)` looks like.

```
.text, #text, p{  
    color:rgb(0, 237, 4)  
}
```

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, 237, 4) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 30.3061, 60.5771, 10.2101 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, 237, 4) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 30.3061, 60.5771, 10.2101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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