

Converting Colors

XYZ(15.1891, 30.1133, 5.8794)

Have a look what the booklet for
XYZ(15.1891, 30.1133, 5.8794)
contains.

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Color

**XYZ(15.1084, 29.9531,
5.8494)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00AD18 |
| RGB | 0, 173, 24 |
| RGB Percent | 0%, 68%, 9% |
| CMY | 1.0000, 0.3216, 0.9058 |
| CMYK | 1.00, 0.00, 0.86, 0.32 |
| HSL | 128°, 100%, 34% |
| HSV | 128°, 100%, 68% |
| XYZ | 15.1084, 29.9531, 5.8494 |
| YIQ | 104.2870, -55.2790, -83.0150 |

Conversions

Conversions Part 2

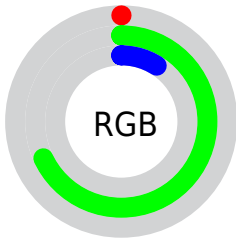
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 152, 173 |
| Decimal | 44312 |
| CIELab | 61.61, -63.69, 58.35 |
| CIElCh | 62, 86.380, 137.505 |
| Yxy | 29.9531, 0.2968, 0.5883 |
| Android (android.graphics.Color) | 4278234392 (0xFF00AD18) |
| YUV | 104.2870, -39.5815, -91.4597 |
| Hunter-Lab | 54.7294, -46.5005, 31.9738 |

Details

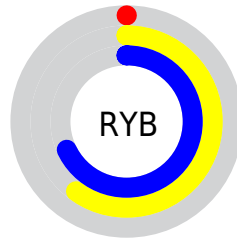
The XYZ color **15.1084, 29.9531, 5.8494** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **22.6587, 11.0544, 29.3708**, and the grayscale version is **13.3495, 14.0447, 15.2947**.

A 20% lighter version of the original color is **34.6164, 59.6666, 18.0798**, and **6.5968, 13.1937, 2.1989** is the 20% darker color. If you saturate the color by 10%, you get **15.1092, 29.9544, 5.8501**, and if you desaturate by 10%, it is **15.5455, 30.1562, 6.9129**.

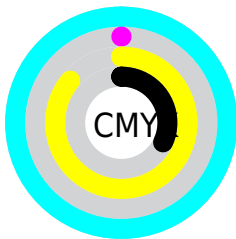
Distribution



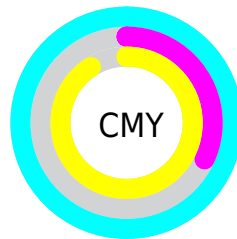
- Red (0%)
- Green (68%)
- Blue (9%)



- Red (0%)
- Yellow (60%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (86%)
- Black (32%)





- Cyan (100%)
- Magenta (32%)
- Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1084, 29.9531, 5.8494 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 15.1084, 29.9531, 5.8494 by changing the saturation by 10% instead.


 15.1084, 29.9531,
5.8494


 15.1084, 29.9531,
5.8494


217.3968,
301.6858, 166.9786


 8.9823, 19.8030,
2.6864


 34.6133, 59.5880,
18.0897


 4.7867, 12.2519,
0.9366


 48.7229, 79.8416,
28.0042

 2.1561, 6.9155,
0.0000


 66.2243, 104.2318,
41.0062

 0.7194, 3.4093,
0.0000

 87.4829, 133.1430,
57.5143

 0.0000, 1.3490,
0.0000

 112.8641,
166.9596, 77.9471

 0.0000, 0.1787,
0.0000

 142.7333,

 0.0000, 0.0000,

206.0660, 102.7230

0.0000

177.4557,
250.8466, 132.2607

■ 15.1084, 29.9531,
5.8494

■ 15.1084, 29.9531,
5.8494

■ 15.1092, 29.9544,
5.8501

■ 15.5455, 30.1562,
6.9129

■ 16.2852, 30.5033,
8.4958

■ 17.4204, 31.0419,
10.6562

■ 18.9976, 31.7949,
13.4427

■ 21.0569, 32.7821,
16.8987

■ 23.6337, 34.0210,
21.0638

■ 26.7601, 35.5273,
25.9745

■ 30.4656, 37.3154,
31.6647

■ 34.7776, 39.3989,
38.1664

Harmonies

Analogous

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



22.3380, 29.9531, 1.8523



15.1084, 29.9531, 5.8494



11.9106, 29.9531, 20.7691

Triad

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



15.1084, 29.9531, 5.8494



23.9600, 29.9531, 141.2994



55.1050, 29.9531, 17.0664

Complementary

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



15.1084, 29.9531, 5.8494



22.6587, 11.0544, 29.3708

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.



55.8836, 29.9531, 48.2751



15.1084, 29.9531, 5.8494



35.6314, 29.9531, 137.5355

Square

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



15.1084, 29.9531, 5.8494



16.0197, 29.9531, 104.8635



48.0221, 29.9531, 96.5863



46.1161, 29.9531, 4.6935

Rectangle

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



15.1084, 29.9531, 5.8494



11.7250, 29.9531, 41.5784



48.0221, 29.9531, 96.5863



56.4079, 29.9531, 25.0404

Sweetspot

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



15.1092, 29.9544, 5.8501



47.6053, 63.4714, 46.0221



27.5101, 36.3664, 5.5695



9.8287, 13.5446, 9.1943



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



15.1092, 29.9544, 5.8501



27.0125, 53.6263, 10.2333



17.7352, 31.0048, 19.6788



7.9481, 8.9568, 8.7516



11.1125, 22.0103, 4.3663



0.3229, 0.6178, 0.1937

Inverse Universe

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



22.6587, 11.0544, 29.3708



40.5191, 19.7731, 52.2843



18.1437, 9.2484, 5.5954



8.2886, 8.1287, 9.8303



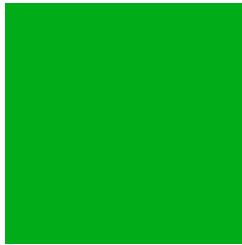
16.6612, 8.1270, 21.6589



0.4764, 0.2312, 0.6704

Previews

White Background



This preview shows how the XYZ color 15.1084, 29.9531, 5.8494 looks on a white background.

Color Contrast Check

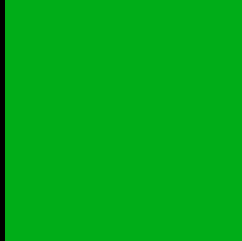
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1084, 29.9531, 5.8494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

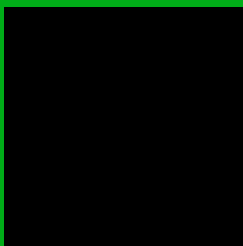
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.1084, 29.9531, 5.8494

Background



This preview shows how black text looks on a background with the XYZ color 15.1084, 29.9531, 5.8494.



This preview shows how white text looks on a background with the XYZ color 15.1084, 29.9531,

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

15.1084, 29.9531, 5.8494

Protanopia

26.6198, 29.4327, 4.7683

Deuteranopia

29.8403, 29.2523, 6.4564



Tritanopia

23.0573, 29.9234, 44.6050

Trichromacy



Original Color

15.1084, 29.9531, 5.8494



Protanomaly

18.1184, 27.2251, 4.9161



Deuteranomaly

19.0334, 26.4416, 5.8508



Tritanomaly

17.9116, 28.8230, 22.0721

Monochromacy



Original Color

15.1084, 29.9531, 5.8494



Achromatopsia

13.1579, 13.8432, 15.0752



Achromatomaly

11.3670, 17.3668, 9.4096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1084, 29.9531, 5.8494 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, 173, 24)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 24)  
}
```

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, 173, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 24) }
```

Border

The CSS property to change the border of an element to XYZ 15.1084, 29.9531, 5.8494 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, 173, 24) }
```


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

```
.border{ border-color:rgb(0, 173, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 173, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 24);  
box-shadow:4px 4px 4px 4px rgb(0, 173, 24)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.1084, 29.9531, 5.8494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 24) }
```

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

```
.background{ background-color: rgb(0, 173,  
24) }
```

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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