

Converting Colors

XYZ(15.2284, 30.1240, 6.1022)

Have a look what the booklet for
XYZ(15.2284, 30.1240, 6.1022)
contains.

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Color

**XYZ(15.1532, 29.9710,
6.0849)**

Conversions

Conversions Part 1

Format	Color
Hex	00AD1C
RGB	0, 173, 28
RGB Percent	0%, 68%, 11%
CMY	1.0000, 0.3216, 0.8902
CMYK	1.00, 0.00, 0.84, 0.32
HSL	130°, 100%, 34%
HSV	130°, 100%, 68%
XYZ	15.1532, 29.9710, 6.0849
YIQ	104.7430, -56.5630, -81.7710

Conversions

Conversions Part 2

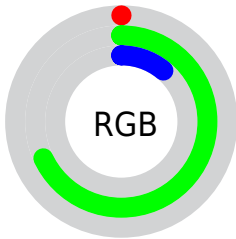
Format	Color
RYB	0, 149, 173
Decimal	44316
CIELab	61.63, -63.49, 57.38
CIELCh	62, 85.577, 137.895
Yxy	29.9710, 0.2959, 0.5853
Android (android.graphics.Color)	4278234396 (0xFF00AD1C)
YUV	104.7430, -37.8343, -91.8596
Hunter-Lab	54.7458, -46.3977, 31.7321

Details

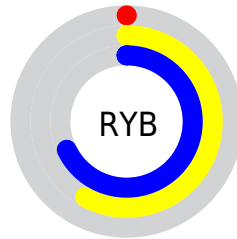
The XYZ color **15.1532, 29.9710, 6.0849** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **22.3451, 10.9290, 27.7197**, and the grayscale version is **13.4687, 14.1701, 15.4313**.

A 20% lighter version of the original color is **34.6958, 59.6984, 18.4984**, and **6.5968, 13.1937, 2.1989** is the 20% darker color. If you saturate the color by 10%, you get **15.1538, 29.9722, 6.0854**, and if you desaturate by 10%, it is **15.6079, 30.1812, 7.2413**.

Distribution



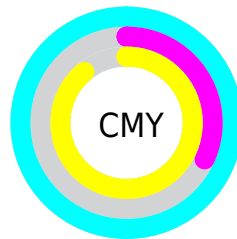
- Red (0%)
- Green (68%)
- Blue (11%)



- Red (0%)
- Yellow (58%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (84%)
- Black (32%)





- Cyan (100%)
- Magenta (32%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1532, 29.9710, 6.0849 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 15.1532, 29.9710, 6.0849 by changing the saturation by 10% instead.


 15.1532, 29.9710,
6.0849


 15.1532, 29.9710,
6.0849


217.6617,
301.7693, 169.1588


 9.0140, 19.8166,
2.8272


 34.6912, 59.6163,
18.5876


 4.8075, 12.2618,
1.0071


 48.8206, 79.8760,
28.6696


 2.1683, 6.9222,
0.0000


 66.3442, 104.2729,
41.8634

 0.7260, 3.4135,
0.0000

 87.6273, 133.1914,
58.5876

 0.0000, 1.3512,
0.0000

 113.0353,
167.0159, 79.2607

 0.0000, 0.1804,
0.0000

 142.9334,

 0.0000, 0.0000,

206.1307, 104.3012

0.0000

177.6871,
250.9204, 134.1278

■ 15.1532, 29.9710,
6.0849

■ 15.1532, 29.9710,
6.0849

■ 15.1538, 29.9722,
6.0854

■ 15.6079, 30.1812,
7.2413

■ 16.3626, 30.5343,
8.9031

■ 17.5091, 31.0773,
11.1226

■ 19.0930, 31.8330,
13.9436

■ 21.1535, 32.8208,
17.4057

■ 23.7254, 34.0577,
21.5449

■ 26.8404, 35.5594,
26.3948

■ 30.5272, 37.3401,
31.9865

■ 34.8129, 39.4131,
38.3493

Harmonies

Analogous

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



22.2847, 29.9710, 1.9590



15.1532, 29.9710, 6.0849



12.0147, 29.9710, 21.1880

Triad

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



15.1532, 29.9710, 6.0849



24.1445, 29.9710, 140.0717



54.7583, 29.9710, 16.9310

Complementary

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



15.1532, 29.9710, 6.0849



22.3451, 10.9290, 27.7197

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.



55.6464, 29.9710, 47.5989



15.1532, 29.9710, 6.0849



35.7439, 29.9710, 135.7943

Square

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



15.1532, 29.9710, 6.0849



16.2012, 29.9710, 104.5863



47.9735, 29.9710, 95.1666



45.7978, 29.9710, 4.7393

Rectangle

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



15.1532, 29.9710, 6.0849



11.8585, 29.9710, 42.0081



47.9735, 29.9710, 95.1666



56.0832, 29.9710, 24.7687

Sweetspot

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



15.1539, 29.9722, 6.0856



47.7493, 63.5290, 46.7803



26.9864, 36.0963, 5.5451



9.8621, 13.5579, 9.3701



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.



15.1539, 29.9722, 6.0856



27.0867, 53.6559, 10.6241



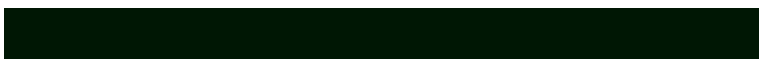
17.8942, 31.0683, 20.5156



7.9554, 8.9597, 8.7902



11.1469, 22.0240, 4.5471



0.3258, 0.6189, 0.2090

Inverse Universe

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



22.3451, 10.9290, 27.7197



39.9499, 19.5454, 49.2872



18.0646, 9.2168, 5.1790



8.2806, 8.1255, 9.7882



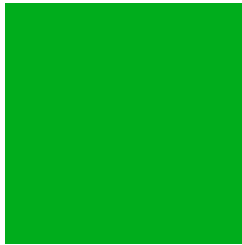
16.4328, 8.0357, 20.4563



0.4718, 0.2294, 0.6461

Previews

White Background



This preview shows how the XYZ color 15.1532, 29.9710, 6.0849 looks on a white background.

Color Contrast Check

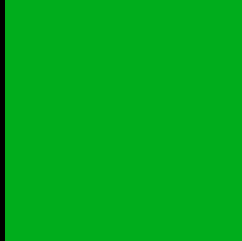
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.1532, 29.9710, 6.0849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

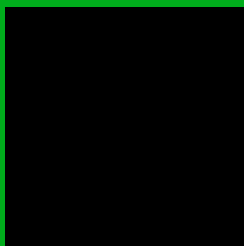
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.1532, 29.9710, 6.0849

Background



This preview shows how black text looks on a background with the XYZ color 15.1532, 29.9710, 6.0849.



This preview shows how white text looks on a background with the XYZ color 15.1532, 29.9710,

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

15.1532, 29.9710, 6.0849

Protanopia

26.6616, 29.4494, 4.9886

Deuteranopia

29.8788, 29.2677, 6.6592



Tritanopia

23.0573, 29.9234, 44.6050

Trichromacy



Original Color

15.1532, 29.9710, 6.0849



Protanomaly

18.1657, 27.2441, 5.1654



Deuteranomaly

19.0657, 26.4545, 6.0208



Tritanomaly

18.0330, 28.8716, 22.7115

Monochromacy



Original Color

15.1532, 29.9710, 6.0849



Achromatopsia

13.4271, 14.1263, 15.3836



Achromatomaly

11.6369, 17.6944, 9.8232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1532, 29.9710, 6.0849 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, 28)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 28)  
}
```

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, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 28) }
```

Border

The CSS property to change the border of an element to XYZ 15.1532, 29.9710, 6.0849 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, 28) }
```


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

```
.border{ border-color:rgb(0, 173, 28) }
```

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, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 28);  
box-shadow:4px 4px 4px 4px rgb(0, 173, 28)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.1532, 29.9710, 6.0849 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, 28) }
```

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

```
.background{ background-color: rgb(0, 173,  
28) }
```

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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