

Converting Colors

XYZ(14.3451, 28.5852, 4.7614)

Have a look what the booklet for
XYZ(14.3451, 28.5852, 4.7614)
contains.

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Color

**XYZ(14.2631, 28.4147,
4.7328)**

Conversions

Conversions Part 1

Format	Color
Hex	06A900
RGB	6, 169, 0
RGB Percent	2%, 66%, 0%
CMY	0.9765, 0.3372, 0.9999
CMYK	0.96, 0.00, 1.00, 0.34
HSL	118°, 100%, 33%
HSV	118°, 100%, 66%
XYZ	14.2631, 28.4147, 4.7328
YIQ	100.9970, -42.8990, -87.1150

Conversions

Conversions Part 2

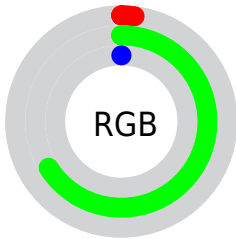
Format	Color
RYB	0, 169, 163
Decimal	436480
CIELab	60.26, -63.01, 61.16
CIELCh	60, 87.816, 135.852
Yxy	28.4147, 0.3008, 0.5993
Android (android.graphics.Color)	4278626560 (0xFF06A900)
YUV	100.9970, -49.7915, -83.3124
Hunter-Lab	53.3054, -45.5227, 32.0497

Details

The XYZ color **14.2631, 28.4147, 4.7328** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **22.2694, 10.6532, 38.4202**, and the grayscale version is **12.5025, 13.1536, 14.3243**.

A 20% lighter version of the original color is **33.2228, 57.3605, 15.6240**, and **6.1307, 12.2615, 2.0436** is the 20% darker color. If you saturate the color by 10%, you get **14.2635, 28.4158, 4.7330**, and if you desaturate by 10%, it is **14.6267, 28.5914, 5.2746**.

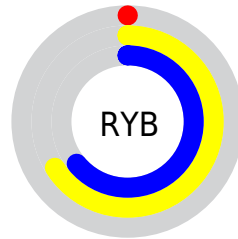
Distribution



Red (2%)

Green (66%)

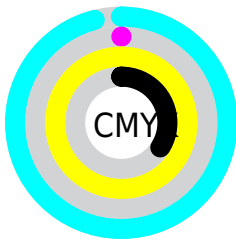
Blue (0%)



Red (0%)

Yellow (66%)

Blue (64%)

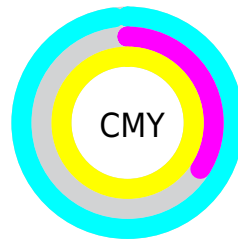


Cyan (96%)

Magenta (0%)

Yellow (100%)

Black (34%)



Cyan (98%)


Magenta (34%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.2631, 28.4147, 4.7328 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 14.2631, 28.4147, 4.7328 by changing the saturation by 10% instead.


 14.2631, 28.4147,
4.7328


 14.2631, 28.4147,
4.7328


212.3395,
294.4432, 156.0520


 8.3868, 18.6385,
2.0354


 33.1375, 57.1459,
15.6674


 4.3973, 11.4094,
0.5769


 46.8663, 76.8696,
24.7416

 1.9293, 6.3429,
0.0000


 63.9434, 100.6780,
36.7785

 0.5938, 3.0547,
0.0000

 84.7340, 128.9554,
52.1966

 0.0000, 1.1603,
0.0000

 109.6036,
162.0862, 71.4145


 0.0000, 0.0290,
0.0000


 138.9175,


 0.0000, 0.0000,


200.4549, 94.8506


0.0000


 173.0410,
244.4458, 122.9237


 14.2631, 28.4147,
4.7328


 14.2631, 28.4147,
4.7328


 14.2635, 28.4158,
4.7330

 14.6267, 28.5914,
5.2746

 15.2964, 28.9152,
6.2744

 16.3502, 29.4232,
7.9166

 17.8340, 30.1372,
10.2846

 19.7872, 31.0761,
13.4492

■ 22.2449, 32.2566,
17.4728

■ 25.2387, 33.6937,
22.4116

■ 28.7977, 35.4014,
28.3171

■ 32.9488, 37.3926,
35.2369

Harmonies

Analogous

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



21.5159, 28.4147, 1.4139



14.2631, 28.4147, 4.7328



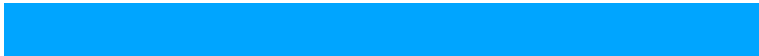
10.9864, 28.4147, 18.1257

Triad

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



14.2631, 28.4147, 4.7328



22.0546, 28.4147, 138.3789



53.6385, 28.4147, 16.9074

Complementary

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



14.2631, 28.4147, 4.7328



22.2694, 10.6532, 38.4202

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.



53.9022, 28.4147, 48.6989



14.2631, 28.4147, 4.7328



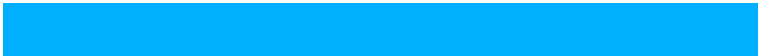
33.3616, 28.4147, 137.0878

Square

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



14.2631, 28.4147, 4.7328



14.5625, 28.4147, 100.1400



45.7059, 28.4147, 97.3148



45.0626, 28.4147, 4.3697

Rectangle

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



14.2631, 28.4147, 4.7328



10.6906, 28.4147, 37.6993



45.7059, 28.4147, 97.3148



54.7687, 28.4147, 25.0390

Sweetspot

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



14.2638, 28.4159, 4.7334



44.8814, 60.1886, 39.6104



29.0300, 33.7694, 4.9885



9.2902, 12.8823, 7.8204



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



14.2638, 28.4159, 4.7334



25.5071, 50.8699, 8.4745



15.4953, 28.8998, 11.6098



7.4604, 8.4199, 8.0213



10.6398, 21.1823, 3.5278



0.2663, 0.5192, 0.0862

Inverse Universe

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



22.2694, 10.6532, 38.4202



39.8419, 19.0576, 68.8037



18.3370, 9.2252, 11.1604



7.8152, 7.6529, 9.4836



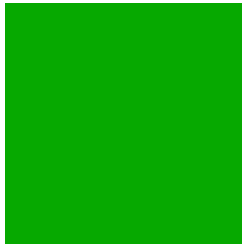
16.6063, 7.9443, 28.6336



0.4118, 0.1973, 0.6970

Previews

White Background



This preview shows how the XYZ color 14.2631, 28.4147, 4.7328 looks on a white background.

Color Contrast Check

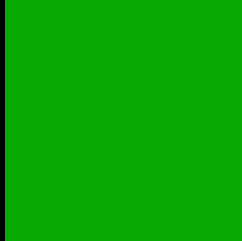
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2631, 28.4147, 4.7328 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 14.2631, 28.4147, 4.7328

Background



This preview shows how black text looks on a background with the XYZ color 14.2631, 28.4147, 4.7328.



This preview shows how white text looks on a background with the XYZ color 14.2631, 28.4147,

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

14.2631, 28.4147, 4.7328

Protanopia

25.2297, 28.0373, 4.0820

Deuteranopia

28.3356, 27.8486, 5.6321



Tritanopia

21.9112, 28.3558, 42.3486

Trichromacy



Original Color

14.2631, 28.4147, 4.7328



Protanomaly

17.4995, 26.1754, 4.1300



Deuteranomaly

18.2484, 25.3427, 4.7940



Tritanomaly

16.6239, 27.1768, 18.5568

Monochromacy



Original Color

14.2631, 28.4147, 4.7328



Achromatopsia

12.3695, 13.0136, 14.1719



Achromatomaly

10.6330, 16.4501, 7.4653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2631, 28.4147, 4.7328 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(6, 169, 0)` looks like.

```
.text, #text, p{  
    color:rgb(6, 169, 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(6, 169, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 169, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.2631, 28.4147, 4.7328 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(6, 169, 0) }
```


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

```
.border{ border-color:rgb(6, 169, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 169, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 169, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 169, 0); box-shadow:4px  
4px 4px 4px rgb(6, 169, 0) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2631, 28.4147, 4.7328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 169, 0) }
```

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

```
.background{ background-color: rgb(6, 169,  
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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