

Converting Colors

XYZ(14.3801, 28.4529, 4.7056)

Have a look what the booklet for
XYZ(14.3801, 28.4529, 4.7056)
contains.

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Color

**XYZ(14.4017, 28.4861,
4.7393)**

Conversions

Conversions Part 1

Format	Color
Hex	10A900
RGB	16, 169, 0
RGB Percent	6%, 66%, 0%
CMY	0.9372, 0.3372, 0.9999
CMYK	0.91, 0.00, 1.00, 0.34
HSL	114°, 100%, 33%
HSV	114°, 100%, 66%
XYZ	14.4017, 28.4861, 4.7393
YIQ	103.9870, -36.9390, -84.9950

Conversions

Conversions Part 2

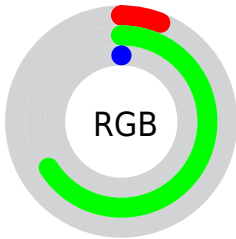
Format	Color
RYB	0, 169, 153
Decimal	1091840
CIELab	60.33, -62.43, 61.24
CIELCh	60, 87.453, 135.549
Yxy	28.4861, 0.3024, 0.5981
Android (android.graphics.Color)	4279281920 (0xFF10A900)
YUV	103.9870, -51.2656, -77.1646
Hunter-Lab	53.3724, -45.2362, 32.0959

Details

The XYZ color **14.4017, 28.4861, 4.7393** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **20.3014, 9.6387, 38.3281**, and the grayscale version is **13.2960, 13.9884, 15.2334**.

A 20% lighter version of the original color is **33.4360, 57.4704, 15.6340**, and **6.1307, 12.2615, 2.0436** is the 20% darker color. If you saturate the color by 10%, you get **14.4020, 28.4871, 4.7395**, and if you desaturate by 10%, it is **14.8633, 28.7133, 5.2857**.

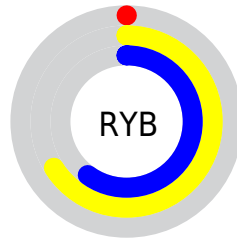
Distribution



Red (6%)

Green (66%)

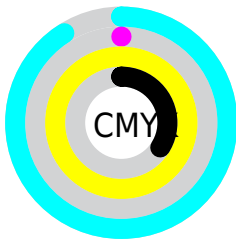
Blue (0%)



Red (0%)

Yellow (66%)

Blue (60%)

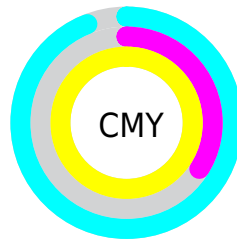


Cyan (91%)

Magenta (0%)

Yellow (100%)

Black (34%)



Cyan (94%)


Magenta (34%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.4017, 28.4861, 4.7393 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 14.4017, 28.4861, 4.7393 by changing the saturation by 10% instead.


 14.4017, 28.4861,
4.7393


 14.4017, 28.4861,
4.7393


213.1767,
294.7824, 156.1189


 8.4841, 18.6924,
2.0391

 33.3805, 57.2596,
15.6818


 4.4607, 11.4482,
0.5792


 47.1724, 77.0082,
24.7612


 1.9659, 6.3692,
0.0000


 64.3198, 100.8439,
36.8040

 0.6147, 3.0708,
0.0000

 85.1880, 129.1510,
52.2288

 0.0000, 1.1688,
0.0000

 110.1425,
162.3141, 71.4541


 0.0000, 0.0360,
0.0000


 139.5485,


 0.0000, 0.0000,


200.7174, 94.8986


0.0000


 173.7715,
244.7454, 122.9806


 14.4017, 28.4861,
4.7393


 14.4017, 28.4861,
4.7393


 14.4020, 28.4871,
4.7395

 14.8633, 28.7133,
5.2857

 15.6288, 29.0865,
6.2900

 16.7606, 29.6347,
7.9359

 18.2977, 30.3762,
10.3064

 20.2738, 31.3269,
13.4721

■ 22.7194, 32.5012,
17.4951

■ 25.6619, 33.9119,
22.4316

■ 29.1269, 35.5711,
28.3327

■ 33.1379, 37.4900,
35.2460

Harmonies

Analogous

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



21.6898, 28.4861, 1.4443



14.4017, 28.4861, 4.7393



11.0870, 28.4861, 18.0030

Triad

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



14.4017, 28.4861, 4.7393



22.0366, 28.4861, 137.6984



53.6584, 28.4861, 17.2177

Complementary

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



14.4017, 28.4861, 4.7393



20.3014, 9.6387, 38.3281

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.



53.8277, 28.4861, 49.1481



14.4017, 28.4861, 4.7393



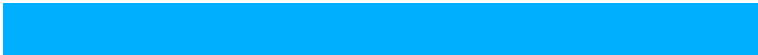
33.2855, 28.4861, 136.8710

Square

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



14.4017, 28.4861, 4.7393



14.5948, 28.4861, 99.4116



45.5983, 28.4861, 97.5998



45.1851, 28.4861, 4.5036

Rectangle

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



14.4017, 28.4861, 4.7393



10.7692, 28.4861, 37.3889



45.5983, 28.4861, 97.5998



54.7530, 28.4861, 25.4127

Sweetspot

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



14.4024, 28.4873, 4.7399



45.6461, 60.5828, 39.6462



27.6081, 30.9257, 4.5146



9.4665, 12.9732, 7.8287



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.



14.4024, 28.4873, 4.7399



25.7138, 50.9764, 8.4842



15.2202, 28.7898, 10.1615



7.5002, 8.4404, 8.0231



10.7552, 21.2418, 3.5332



0.2814, 0.5270, 0.0869

Inverse Universe

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



20.3014, 9.6387, 38.3281



36.2599, 17.2111, 68.6360



18.7320, 9.3833, 13.2408



7.7709, 7.6300, 9.4815



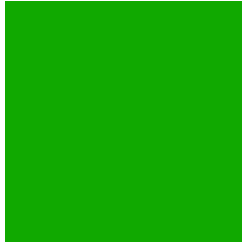
15.1540, 7.1956, 28.5657



0.3882, 0.1851, 0.6959

Previews

White Background



This preview shows how the XYZ color 14.4017, 28.4861, 4.7393 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 14.4017, 28.4861, 4.7393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

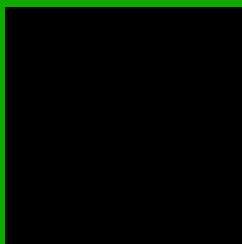
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.4017, 28.4861, 4.7393

Background



This preview shows how black text looks on a background with the XYZ color 14.4017, 28.4861, 4.7393.



This preview shows how white text looks on a background with the XYZ color 14.4017, 28.4861,

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

14.4017, 28.4861, 4.7393

Protanopia

25.2297, 28.0373, 4.0820

Deuteranopia

28.5710, 27.9700, 5.6432



Tritanopia

21.9852, 28.3939, 42.3520

Trichromacy



Original Color

14.4017, 28.4861, 4.7393



Protanomaly

17.9860, 26.4262, 4.1528



Deuteranomaly

18.9384, 25.6984, 4.8263



Tritanomaly

16.8678, 27.3025, 18.5682

Monochromacy



Original Color

14.4017, 28.4861, 4.7393



Achromatopsia

13.1579, 13.8432, 15.0752



Achromatomaly

11.3750, 17.2094, 7.8765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4017, 28.4861, 4.7393 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(16, 169, 0)` looks like.

```
.text, #text, p{  
    color:rgb(16, 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(16, 169, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 169, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.4017, 28.4861, 4.7393 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(16, 169, 0) }
```


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

```
.border{ border-color:rgb(16, 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(16, 169, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 169, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 169, 0);  
box-shadow:4px 4px 4px 4px rgb(16, 169, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.4017, 28.4861, 4.7393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 169, 0) }
```

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

```
.background{ background-color: rgb(16, 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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