

Converting Colors

XYZ(14.2878, 27.8318, 7.0554)

Have a look what the booklet for
XYZ(14.2878, 27.8318, 7.0554)
contains.

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Color

**XYZ(14.2924, 27.8269,
7.1005)**

Conversions

Conversions Part 1

Format	Color
Hex	00A72D
RGB	0, 167, 45
RGB Percent	0%, 65%, 18%
CMY	1.0000, 0.3451, 0.8235
CMYK	1.00, 0.00, 0.73, 0.35
HSL	136°, 100%, 33%
HSV	136°, 100%, 65%
XYZ	14.2924, 27.8269, 7.1005
YIQ	103.1590, -60.3700, -73.3460

Conversions

Conversions Part 2

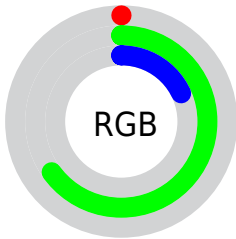
Format	Color
RYB	0, 132, 167
Decimal	42797
CIELab	59.73, -60.55, 50.07
CIELCh	60, 78.569, 140.410
Yxy	27.8269, 0.2904, 0.5654
Android (android.graphics.Color)	4278232877 (0xFF00A72D)
YUV	103.1590, -28.6724, -90.4704
Hunter-Lab	52.7512, -43.9519, 28.9452

Details

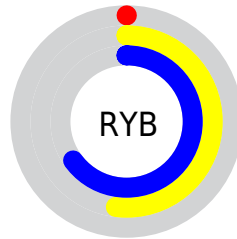
The XYZ color **14.2924, 27.8269, 7.1005** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **19.4500, 9.6211, 19.2451**, and the grayscale version is **13.0202, 13.6982, 14.9174**.

A 20% lighter version of the original color is **33.1065, 55.9844, 20.6164**, and **5.9051, 11.8103, 1.9684** is the 20% darker color. If you saturate the color by 10%, you get **14.2929, 27.8280, 7.1008**, and if you desaturate by 10%, it is **14.7888, 28.0524, 8.5330**.

Distribution



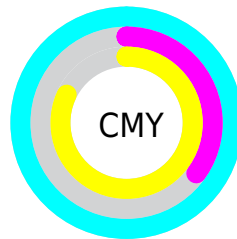
- Red (0%)
- Green (65%)
- Blue (18%)



- Red (0%)
- Yellow (52%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (35%)





- Cyan (100%)
- Magenta (35%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.2924, 27.8269, 7.1005 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 14.2924, 27.8269, 7.1005 by changing the saturation by 10% instead.


 14.2924, 27.8269,
7.1005


 14.2924, 27.8269,
7.1005


212.5168,
291.6389, 178.1587


 8.4074, 18.1952,
3.4456


 33.1889, 56.2080,
20.6914


 4.4107, 11.0902,
1.3264


 46.9311, 75.7261,
31.4645

 1.9370, 6.1276,
0.0833

 64.0230, 99.3086,
45.4475

 0.5982, 2.9228,
0.0000

 84.8301, 127.3397,
63.0588

 0.0000, 1.0916,
0.0000

 109.7177,
160.2039, 84.7171

 0.0000, 0.0000,
0.0000

 139.0511,

198.2856, 110.8408

173.1956,
241.9691, 141.8485

■ 14.2924, 27.8269,
7.1005

■ 14.2924, 27.8269,
7.1005

■ 14.2929, 27.8280,
7.1008

■ 14.7888, 28.0524,
8.5330

■ 15.5463, 28.4033,
10.3594

■ 16.6479, 28.9225,
12.6093

■ 18.1323, 29.6296,
15.3073

■ 20.0331, 30.5413,
18.4764

■ 22.3799, 31.6725,
22.1375

■ 25.1994, 33.0366,
26.3107

■ 28.5163, 34.6458,
31.0147

■ 32.3536, 36.5118,
36.2672

Harmonies

Analogous

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



20.3319, 27.8269, 2.5121



14.2924, 27.8269, 7.1005



11.7333, 27.8269, 22.0700

Triad

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



14.2924, 27.8269, 7.1005



23.3930, 27.8269, 122.5547



48.6886, 27.8269, 14.9472

Complementary

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



14.2924, 27.8269, 7.1005



19.4500, 9.6211, 19.2451

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.



50.1021, 27.8269, 40.3542



14.2924, 27.8269, 7.1005



33.6835, 27.8269, 115.9020

Square

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



14.2924, 27.8269, 7.1005



16.0493, 27.8269, 95.0136



44.0644, 27.8269, 80.2294



40.5816, 27.8269, 4.6734

Rectangle

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



14.2924, 27.8269, 7.1005



11.7609, 27.8269, 41.2954



44.0644, 27.8269, 80.2294



50.0294, 27.8269, 21.4513

Sweetspot

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



14.2931, 27.8280, 7.1011



44.8306, 59.0197, 46.6869



21.9120, 31.8105, 4.9853



9.5549, 12.9764, 9.7489



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.



14.2931, 27.8280, 7.1011



25.5226, 49.8066, 12.3259



17.7180, 29.1980, 25.1367



7.5167, 8.4397, 8.4411



10.9547, 21.3007, 5.5286



0.2874, 0.5266, 0.2444

Inverse Universe

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



19.4500, 9.6211, 19.2451



34.7422, 17.1939, 33.9905



16.3027, 8.3622, 2.6717



7.7543, 7.6316, 9.0236



14.9039, 7.3703, 14.8373



0.3822, 0.1872, 0.4643

Previews

White Background



This preview shows how the XYZ color 14.2924, 27.8269, 7.1005 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 14.2924, 27.8269, 7.1005 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 14.2924, 27.8269, 7.1005

Background



This preview shows how black text looks on a background with the XYZ color 14.2924, 27.8269, 7.1005.



This preview shows how white text looks on a background with the XYZ color 14.2924, 27.8269,

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

14.2924, 27.8269, 7.1005

Protanopia

24.6859, 27.2650, 5.8810

Deuteranopia

27.9028, 27.3687, 7.6829



Tritanopia

21.4106, 27.8693, 41.2966

Trichromacy



Original Color

14.2924, 27.8269, 7.1005



Protanomaly

17.1080, 25.4413, 6.1068



Deuteranomaly

17.8864, 24.6352, 7.1805



Tritanomaly

17.1847, 27.1071, 23.0654

Monochromacy



Original Color

14.2924, 27.8269, 7.1005



Achromatopsia

12.8919, 13.5633, 14.7705



Achromatomaly

11.2306, 16.6892, 10.6121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2924, 27.8269, 7.1005 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, 167, 45)` looks like.

```
.text, #text, p{  
    color:rgb(0, 167, 45)  
}
```

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, 167, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 167, 45) }
```

Border

The CSS property to change the border of an element to XYZ 14.2924, 27.8269, 7.1005 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, 167, 45) }
```


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

```
.border{ border-color:rgb(0, 167, 45) }
```

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

Here you see how a box with a 4 pixel rgb(0, 167, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 167, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 167, 45);  
box-shadow:4px 4px 4px 4px rgb(0, 167, 45)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.2924, 27.8269, 7.1005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 167, 45) }
```

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

```
.background{ background-color: rgb(0, 167,  
45) }
```

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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