

Converting Colors

XYZ(14.4882, 28.4504, 5.3381)

Have a look what the booklet for
XYZ(14.4882, 28.4504, 5.3381)
contains.

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Color

**XYZ(14.5367, 28.5421,
5.3591)**

Conversions

Conversions Part 1

Format	Color
Hex	11A913
RGB	17, 169, 19
RGB Percent	7%, 66%, 7%
CMY	0.9333, 0.3372, 0.9255
CMYK	0.90, 0.00, 0.89, 0.34
HSL	121°, 82%, 36%
HSV	121°, 90%, 66%
XYZ	14.5367, 28.5421, 5.3591
YIQ	106.4520, -42.4420, -78.8740

Conversions

Conversions Part 2

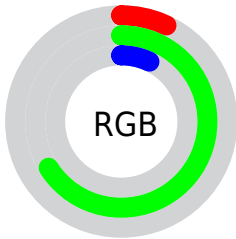
Format	Color
RYB	17, 167, 169
Decimal	1157395
CIELab	60.38, -61.81, 58.39
CIELCh	60, 85.029, 136.633
Yxy	28.5421, 0.3001, 0.5893
Android (android.graphics.Color)	4279347475 (0xFF11A913)
YUV	106.4520, -43.1138, -78.4494
Hunter-Lab	53.4248, -44.9242, 31.4499

Details

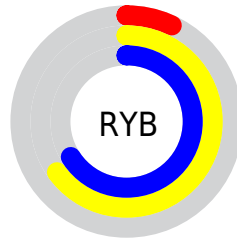
The XYZ color **14.5367, 28.5421, 5.3591** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **23.5380, 11.6262, 37.5608**, and the grayscale version is **13.9483, 14.6747, 15.9807**.

A 20% lighter version of the original color is **33.7186, 57.5835, 17.1222**, and **6.1307, 12.2615, 2.0436** is the 20% darker color. If you saturate the color by 10%, you get **14.2026, 28.3828, 4.7969**, and if you desaturate by 10%, it is **15.1587, 28.8409, 6.4120**.

Distribution



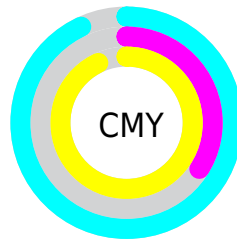
- Red (7%)
- Green (66%)
- Blue (7%)



- Red (7%)
- Yellow (65%)
- Blue (66%)



- Cyan (90%)
- Magenta (0%)
- Yellow (89%)
- Black (34%)





- Cyan (93%)
- Magenta (34%)
- Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.5367, 28.5421, 5.3591 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 14.5367, 28.5421, 5.3591 by changing the saturation by 10% instead.


 14.5367, 28.5421,
5.3591


 14.5367, 28.5421,
5.3591


213.9890,
295.0483, 162.3090


 8.5791, 18.7347,
2.3971


 33.6167, 57.3488,
17.0395


 4.5226, 11.4787,
0.7848


 47.4698, 77.1168,
26.5949


 2.0018, 6.3898,
0.0000


 64.6854, 100.9739,
39.1852

 0.6350, 3.0835,
0.0000

 85.6290, 129.3044,
55.2290

 0.0000, 1.1755,
0.0000

 110.6657,
162.4927, 75.1447

 0.0000, 0.0416,
0.0000

 140.1611,

 0.0000, 0.0000,

200.9232, 99.3509

0.0000

174.4804,
244.9802, 128.2661

■ 14.5367, 28.5421,
5.3591

■ 14.5367, 28.5421,
5.3591

■ 14.2026, 28.3828,
4.7969

■ 15.1587, 28.8409,
6.4120

■ 14.2007, 28.3819,
4.7939

■ 16.1719, 29.3270,
8.1003

■ 17.6273, 30.0255,
10.5034

■ 19.5674, 30.9572,
13.6888

■ 22.0300, 32.1401,
17.7161

■ 25.0490, 33.5906,
22.6391

■ 28.6555, 35.3237,
28.5073

■ 32.8784, 37.3533,
35.3665

■ 37.7446, 39.6922,
43.2595

Harmonies

Analogous

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



21.5453, 28.5421, 1.7229



14.5367, 28.5421, 5.3591



11.3859, 28.5421, 19.1340

Triad

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



14.5367, 28.5421, 5.3591



22.5531, 28.5421, 134.1494



52.6653, 28.5421, 16.8340

Complementary

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



14.5367, 28.5421, 5.3591



23.5380, 11.6262, 37.5608

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.



53.1494, 28.5421, 47.1763



14.5367, 28.5421, 5.3591



33.6012, 28.5421, 131.8087

Square

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



14.5367, 28.5421, 5.3591



15.1028, 28.5421, 98.6012



45.4588, 28.5421, 93.4544



44.2740, 28.5421, 4.6420

Rectangle

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



14.5367, 28.5421, 5.3591



11.1472, 28.5421, 38.5631



45.4588, 28.5421, 93.4544



53.8235, 28.5421, 24.6293

Sweetspot

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



14.5374, 28.5433, 5.3597



46.3465, 60.8711, 42.9651



30.6525, 36.8529, 6.0282



9.6766, 13.0631, 8.6726



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.



14.5374, 28.5433, 5.3597



25.4257, 50.8261, 8.5535



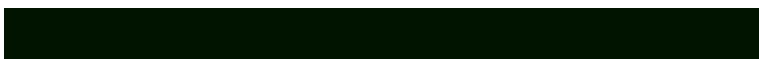
16.3957, 29.2866, 15.1454



7.4406, 8.4093, 8.0405



10.5849, 21.1527, 3.5811



0.2587, 0.5151, 0.0935

Inverse Universe

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



23.5380, 11.6262, 37.5608



41.7508, 20.0855, 66.9167



18.5392, 9.6267, 11.2376



7.8376, 7.6649, 9.4619



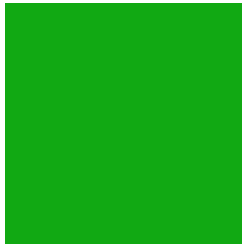
17.3789, 8.3603, 27.8703



0.4241, 0.2039, 0.6849

Previews

White Background



This preview shows how the XYZ color 14.5367, 28.5421, 5.3591 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 14.5367, 28.5421, 5.3591 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 14.5367, 28.5421, 5.3591

Background



This preview shows how black text looks on a background with the XYZ color 14.5367, 28.5421, 5.3591.



This preview shows how white text looks on a background with the XYZ color 14.5367, 28.5421,

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

14.5367, 28.5421, 5.3591

Protanopia

25.2790, 28.0571, 4.3417

Deuteranopia

28.3847, 27.8683, 5.8906



Tritanopia

21.9852, 28.3939, 42.3520

Trichromacy



Original Color

14.5367, 28.5421, 5.3591



Protanomaly

18.0587, 26.4553, 4.5354



Deuteranomaly

18.8933, 25.6641, 5.3244



Tritanomaly

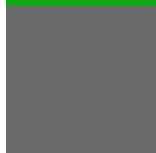
17.2556, 27.4576, 20.6100

Monochromacy



Original Color

14.5367, 28.5421, 5.3591



Achromatopsia

13.6994, 14.4128, 15.6956



Achromatomaly

11.9103, 17.6508, 9.2578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5367, 28.5421, 5.3591 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(17, 169, 19)` looks like.

```
.text, #text, p{  
    color:rgb(17, 169, 19)  
}
```

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(17, 169, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 169, 19) }
```

Border

The CSS property to change the border of an element to XYZ 14.5367, 28.5421, 5.3591 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(17, 169, 19) }
```


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

```
.border{ border-color:rgb(17, 169, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 169, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 169, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 169, 19);  
box-shadow:4px 4px 4px 4px rgb(17, 169,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5367, 28.5421, 5.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 169, 19) }
```

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

```
.background{ background-color: rgb(17, 169,  
19) }
```

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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