

Converting Colors

XYZ(28.4698, 55.3166, 14.4932)

Have a look what the booklet for
XYZ(28.4698, 55.3166, 14.4932)
contains.

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Color

**XYZ(28.4822, 55.3434,
14.4914)**

Conversions

Conversions Part 1

Format	Color
Hex	00E343
RGB	0, 227, 67
RGB Percent	0%, 89%, 26%
CMY	1.0000, 0.1098, 0.7372
CMYK	1.00, 0.00, 0.70, 0.11
HSL	138°, 100%, 45%
HSV	138°, 100%, 89%
XYZ	28.4822, 55.3434, 14.4914
YIQ	140.8870, -83.9320, -97.8840

Conversions

Conversions Part 2

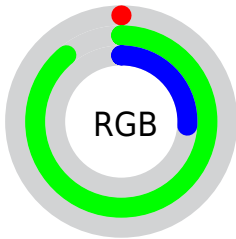
Format	Color
RYB	0, 175, 227
Decimal	58179
CIELab	79.24, -75.92, 62.09
CIELCh	79, 98.078, 140.722
Yxy	55.3434, 0.2897, 0.5629
Android (android.graphics.Color)	4278248259 (0xFF00E343)
YUV	140.8870, -36.4263, -123.5579
Hunter-Lab	74.3931, -61.8474, 40.5258

Details

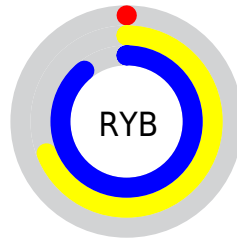
The XYZ color **28.4822, 55.3434, 14.4914** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **38.0252, 18.8698, 34.8969**, and the grayscale version is **25.4365, 26.7612, 29.1429**.

A 20% lighter version of the original color is **45.7656, 76.2651, 31.0474**, and **14.3747, 28.7495, 4.7916** is the 20% darker color. If you saturate the color by 10%, you get **28.4834, 55.3456, 14.4922**, and if you desaturate by 10%, it is **29.3784, 55.7436, 17.3960**.

Distribution



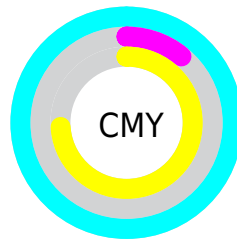
- Red (0%)
- Green (89%)
- Blue (26%)



- Red (0%)
- Yellow (69%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4822, 55.3434, 14.4914 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 28.4822, 55.3434, 14.4914 by changing the saturation by 10% instead.

■ 28.4822, 55.3434,
14.4914

■ 28.4822, 55.3434,
14.4914

286.8024,
407.2123, 231.8005

■ 18.8318, 39.6767,
8.3206

■ 56.6567, 98.0439,
34.6880

■ 11.6521, 27.2866,
4.2101

■ 75.9114, 125.8465,
49.5509

■ 6.5777, 17.7886,
1.7413

■ 99.0983, 158.4633,
68.1483

■ 3.2434, 10.7983,
0.3888

■ 126.5827,
196.2785, 90.8986

■ 1.2838, 5.9314,
0.0000

■ 158.7299,
239.6766, 118.2204

■ 0.1710, 2.8034,
0.0000

195.9054,

■ 0.0000, 1.0300,

289.0420, 150.5324

0.0000

238.4744,
344.7591, 188.2529

■ 0.0000, 0.0000,
0.0000

■ 28.4822, 55.3434,
14.4914

■ 28.4822, 55.3434,
14.4914

■ 28.4834, 55.3456,
14.4922

■ 29.3784, 55.7436,
17.3960

■ 30.8227, 56.4084,
21.0693

■ 32.9563, 57.4110,
25.5660

■ 35.8626, 58.7935,
30.9331

■ 39.6125, 60.5915,
37.2139

■ 44.2686, 62.8365,
44.4488

■ 49.8872, 65.5567,
52.6757

■ 56.5201, 68.7781,
61.9303

■ 64.2152, 72.5247,
72.2467

Harmonies

Analogous

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



40.3580, 55.3434, 5.1805



28.4822, 55.3434, 14.4914



23.4770, 55.3434, 44.4730

Triad

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



28.4822, 55.3434, 14.4914



46.7546, 55.3434, 241.9840



96.3327, 55.3434, 29.5596

Complementary

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



28.4822, 55.3434, 14.4914



38.0252, 18.8698, 34.8969

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.



99.2746, 55.3434, 79.3992



28.4822, 55.3434, 14.4914



67.1019, 55.3434, 228.1772

Square

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



28.4822, 55.3434, 14.4914



32.1615, 55.3434, 188.4426



87.5171, 55.3434, 157.7259



80.2636, 55.3434, 9.3654

Rectangle

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



28.4822, 55.3434, 14.4914



23.5735, 55.3434, 82.6622



87.5171, 55.3434, 157.7259



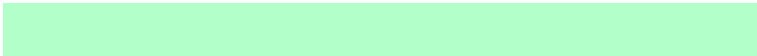
99.0229, 55.3434, 42.3212

Sweetspot

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



28.4835, 55.3457, 14.4927



64.7871, 85.2650, 68.3508



42.5105, 62.6939, 9.8607



13.1714, 17.9131, 13.6251



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



28.4835, 55.3457, 14.4927



37.0391, 72.0317, 18.6558



35.4881, 58.1475, 51.3783



14.3635, 16.1588, 16.1788



16.6555, 32.2943, 8.6860



1.2704, 2.4023, 0.8507

Inverse Universe

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



38.0252, 18.8698, 34.8969



49.4511, 24.5445, 45.1692



32.2382, 16.5550, 4.4228



14.8043, 14.5389, 17.1700



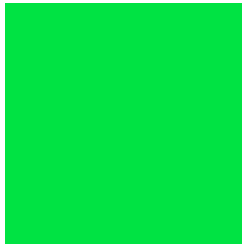
22.2289, 11.0258, 20.6323



1.6829, 0.8309, 1.7365

Previews

White Background



This preview shows how the XYZ color 28.4822, 55.3434, 14.4914 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 28.4822, 55.3434, 14.4914 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 ✓ Pass

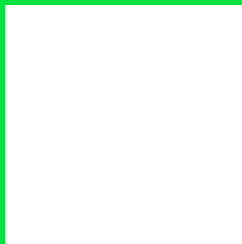
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.4822, 55.3434, 14.4914

Background



This preview shows how black text looks on a background with the XYZ color 28.4822, 55.3434, 14.4914.

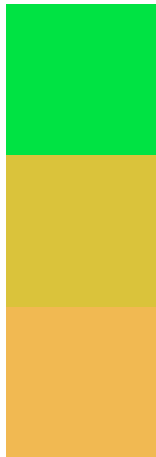


This preview shows how white text looks on a background with the XYZ color 28.4822, 55.3434,

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

28.4822, 55.3434, 14.4914

Protanopia

49.2180, 54.2514, 12.0152

Deuteranopia

55.1476, 54.0079, 15.5006



Tritanopia

42.2005, 55.0713, 82.5344

Trichromacy



Original Color

28.4822, 55.3434, 14.4914



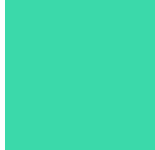
Protanomaly

33.8298, 50.4624, 12.5146



Deuteranomaly

35.1307, 48.6167, 14.5536



Tritanomaly

33.8722, 53.4578, 46.5633

Monochromacy



Original Color

28.4822, 55.3434, 14.4914



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

22.0062, 32.8936, 21.1088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4822, 55.3434, 14.4914 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, 227, 67)` looks like.

```
.text, #text, p{  
    color:rgb(0, 227, 67)  
}
```

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, 227, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 227, 67) }
```

Border

The CSS property to change the border of an element to XYZ 28.4822, 55.3434, 14.4914 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, 227, 67) }
```


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

```
.border{ border-color:rgb(0, 227, 67) }
```

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

Here you see how a box with a 4 pixel rgb(0, 227, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 227, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 227, 67);  
box-shadow:4px 4px 4px 4px rgb(0, 227, 67)  
}
```

Background

The CSS property to change the background color of an element to XYZ 28.4822, 55.3434, 14.4914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 227, 67) }
```

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

```
.background{ background-color: rgb(0, 227,  
67) }
```

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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