

Converting Colors

XYZ(27.0666, 54.0073, 14.1733)

Have a look what the booklet for
XYZ(27.0666, 54.0073, 14.1733)
contains.

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Color

**XYZ(27.9086, 54.2438,
14.1534)**

Conversions

Conversions Part 1

Format	Color
Hex	00E142
RGB	0, 225, 66
RGB Percent	0%, 88%, 26%
CMY	1.0000, 0.1176, 0.7412
CMYK	1.00, 0.00, 0.71, 0.12
HSL	138°, 100%, 44%
HSV	138°, 100%, 88%
XYZ	27.9086, 54.2438, 14.1534
YIQ	139.5990, -83.0610, -97.1490

Conversions

Conversions Part 2

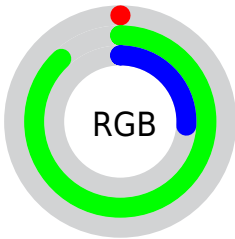
Format	Color
RYB	0, 174, 225
Decimal	57666
CIELab	78.60, -75.44, 61.80
CIELCh	79, 97.523, 140.679
Yxy	54.2438, 0.2898, 0.5632
Android (android.graphics.Color)	4278247746 (0xFF00E142)
YUV	139.5990, -36.2843, -122.4283
Hunter-Lab	73.6504, -61.2486, 40.1615

Details

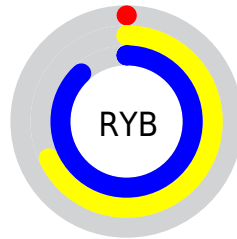
The XYZ color **27.9086, 54.2438, 14.1534** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **37.3110, 18.5116, 34.4091**, and the grayscale version is **24.9326, 26.2310, 28.5655**.

A 20% lighter version of the original color is **45.5795, 76.1764, 30.7136**, and **14.0026, 28.0053, 4.6675** is the 20% darker color. If you saturate the color by 10%, you get **27.9097, 54.2460, 14.1541**, and if you desaturate by 10%, it is **28.7878, 54.6367, 16.9925**.

Distribution



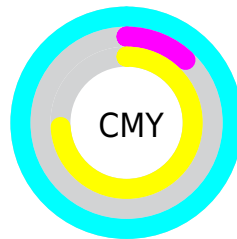
- Red (0%)
- Green (88%)
- Blue (26%)



- Red (0%)
- Yellow (68%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (71%)
- Black (12%)





- Cyan (100%)
- Magenta (12%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.9086, 54.2438, 14.1534 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 27.9086, 54.2438, 14.1534 by changing the saturation by 10% instead.


 27.9086, 54.2438,
14.1534


 27.9086, 54.2438,
14.1534


284.1179,
403.0390, 229.6446


 18.3969, 38.7966,
8.0875


 55.7481, 96.4321,
34.0820

 11.3367, 26.6015,
4.0624


 74.8067, 123.9420,
48.7818


 6.3627, 17.2742,
1.6596


 97.7782, 156.2417,
67.1965

 3.1096, 10.4302,
0.3329

 125.0280,
193.7154, 89.7449

 1.2120, 5.6851,
0.0000

 156.9216,
236.7476, 116.8453

 0.1158, 2.6546,
0.0000

193.8242,

 0.0000, 0.9542,

285.7226, 148.9164

0.0000

236.1012,
341.0250, 186.3766

■ 0.0000, 0.0000,
0.0000

■ 27.9086, 54.2438,
14.1534

■ 27.9086, 54.2438,
14.1534

■ 27.9097, 54.2460,
14.1541

■ 28.7878, 54.6367,
16.9925

■ 30.2042, 55.2888,
20.5872

■ 32.2965, 56.2721,
24.9914

■ 35.1463, 57.6277,
30.2517

■ 38.8231, 59.3907,
36.4107

■ 43.3881, 61.5917,
43.5082

■ 48.8967, 64.2585,
51.5816

■ 55.3994, 67.4164,
60.6661

■ 62.9432, 71.0890,
70.7954

Harmonies

Analogous

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



39.5667, 54.2438, 5.0525



27.9086, 54.2438, 14.1534



22.9915, 54.2438, 43.5113

Triad

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



27.9086, 54.2438, 14.1534



45.7948, 54.2438, 237.4125



94.4861, 54.2438, 28.9948

Complementary

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



27.9086, 54.2438, 14.1534



37.3110, 18.5116, 34.4091

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.



97.3520, 54.2438, 77.9367



27.9086, 54.2438, 14.1534



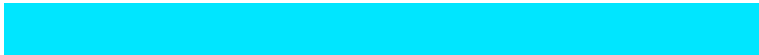
65.7539, 54.2438, 223.9569

Square

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



27.9086, 54.2438, 14.1534



31.4899, 54.2438, 184.7695



85.7945, 54.2438, 154.8384



78.7289, 54.2438, 9.1697

Rectangle

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



27.9086, 54.2438, 14.1534



23.0804, 54.2438, 80.9483



85.7945, 54.2438, 154.8384



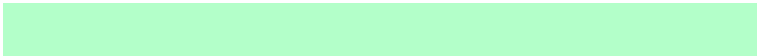
97.1197, 54.2438, 41.5261

Sweetspot

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



27.9099, 54.2460, 14.1546



64.7706, 85.2585, 68.2642



41.6756, 61.4561, 9.6658



13.1676, 17.9116, 13.6050



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.



27.9099, 54.2460, 14.1546



37.0232, 72.0253, 18.5719



34.7880, 56.9973, 50.3744



13.6933, 15.4031, 15.4204



16.1267, 31.2755, 8.3901



1.1562, 2.1832, 0.7835

Inverse Universe

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



37.3110, 18.5116, 34.4091



49.4985, 24.5634, 45.4189



31.6019, 16.2280, 4.3454



14.1147, 13.8635, 16.3743



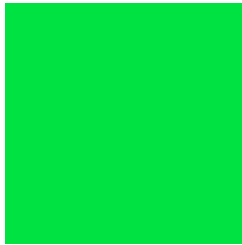
21.5527, 10.6881, 20.1079



1.5324, 0.7562, 1.5966

Previews

White Background



This preview shows how the XYZ color 27.9086, 54.2438, 14.1534 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 27.9086, 54.2438, 14.1534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

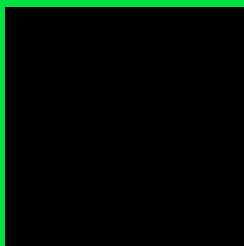
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.9086, 54.2438, 14.1534

Background



This preview shows how black text looks on a background with the XYZ color 27.9086, 54.2438, 14.1534.



This preview shows how white text looks on a background with the XYZ color 27.9086, 54.2438,

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

27.9086, 54.2438, 14.1534

Protanopia

48.1526, 53.0443, 11.7037

Deuteranopia

54.0153, 52.8118, 15.1314



Tritanopia

41.3254, 53.9145, 80.9015

Trichromacy



Original Color

27.9086, 54.2438, 14.1534



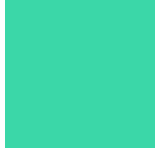
Protanomaly

32.9902, 49.3179, 12.1954



Deuteranomaly

34.4475, 47.5854, 14.2068



Tritanomaly

33.1720, 52.3578, 45.4035

Monochromacy



Original Color

27.9086, 54.2438, 14.1534



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

21.6634, 32.4419, 20.7429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9086, 54.2438, 14.1534 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, 225, 66)` looks like.

```
.text, #text, p{  
    color:rgb(0, 225, 66)  
}
```

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, 225, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 225, 66) }
```

Border

The CSS property to change the border of an element to XYZ 27.9086, 54.2438, 14.1534 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, 225, 66) }
```


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

```
.border{ border-color:rgb(0, 225, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 225, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 225, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 225, 66);  
box-shadow:4px 4px 4px 4px rgb(0, 225, 66)  
}
```

Background

The CSS property to change the background color of an element to XYZ 27.9086, 54.2438, 14.1534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 225, 66) }
```

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

```
.background{ background-color: rgb(0, 225,  
66) }
```

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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