

Converting Colors

XYZ(27.5276, 54.9713, 9.1741)

Have a look what the booklet for
XYZ(27.5276, 54.9713, 9.1741)
contains.

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Color

**XYZ(27.5246, 54.9662,
9.1876)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 04E301 |
| RGB | 4, 227, 1 |
| RGB Percent | 2%, 89%, 0% |
| CMY | 0.9843, 0.1098, 0.9960 |
| CMYK | 0.98, 0.00, 1.00, 0.11 |
| HSL | 119°, 99%, 45% |
| HSV | 119°, 100%, 89% |
| XYZ | 27.5246, 54.9662, 9.1876 |
| YIQ | 134.5590, -60.3620, -117.5620 |

Conversions

Conversions Part 2

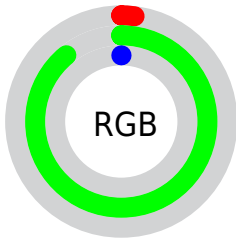
| Format | Color |
|-------------------------------------|----------------------------------|
| RYB | 1, 227, 224 |
| Decimal | 320257 |
| CIELab | 79.02, -78.78, 76.11 |
| CIELCh | 79, 109.537, 135.987 |
| Yxy | 54.9662, 0.3002, 0.5996 |
| Android (android.graphics.Color) | 4278510337 (0xFF04E301) |
| YUV | 134.5590, -65.8446, -114.5002 |
| Hunter-Lab | 74.1392, -63.4744, 44.5500 |

Details

The XYZ color **27.5246, 54.9662, 9.1876** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **44.6302, 21.4226, 74.4588**, and the grayscale version is **23.1195, 24.3235, 26.4883**.

A 20% lighter version of the original color is **44.2904, 75.7188, 21.2977**, and **14.3747, 28.7495, 4.7916** is the 20% darker color. If you saturate the color by 10%, you get **27.5075, 54.9597, 9.1585**, and if you desaturate by 10%, it is **28.0685, 55.2302, 10.0307**.

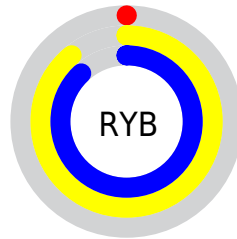
Distribution



Red (2%)

Green (89%)

Blue (0%)



Red (0%)

Yellow (89%)

Blue (88%)

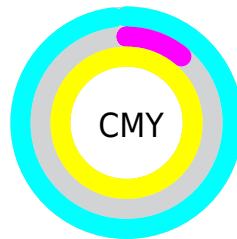


Cyan (98%)

Magenta (0%)

Yellow (100%)

Black (11%)



Cyan (98%)


Magenta (11%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5246, 54.9662, 9.1876 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 27.5246, 54.9662, 9.1876 by changing the saturation by 10% instead.


 27.5246, 54.9662,
9.1876


 27.5246, 54.9662,
9.1876


282.3097,
405.7838, 195.0406


 18.1062, 39.3747,
4.7653


 55.1385, 97.4914,
24.8393

 11.1264, 27.0513,
2.0539


 74.0648, 125.1939,
36.9057

 6.2199, 17.6118,
0.5881


 96.8910, 157.7022,
52.3573

 3.0212, 10.6716,
0.0000

 123.9826,
195.4006, 71.6125

 1.1650, 5.8465,
0.0000

 155.7049,
238.6736, 95.0898

 0.0784, 2.7520,
0.0000

 192.4233,

 0.0000, 1.0036,

287.9055, 123.2080

0.0000

234.5031,
343.4808, 156.3854

■ 0.0000, 0.0000,
0.0000

■ 27.5246, 54.9662,
9.1876

■ 27.5246, 54.9662,
9.1876

■ 27.5075, 54.9597,
9.1585

■ 28.0685, 55.2302,
10.0307

■ 29.2289, 55.7891,
11.8575

■ 31.1620, 56.7190,
14.9573

■ 33.9704, 58.0691,
19.5051

■ 37.7415, 59.8811,
25.6483

■ 42.5518, 62.1917,
33.5165

■ 48.4701, 65.0340,
43.2258

■ 55.5595, 68.4380,
54.8823

■ 63.8782, 72.4318,
68.5840

Harmonies

Analogous

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



41.5284, 54.9662, 2.7290



27.5246, 54.9662, 9.1876



21.2149, 54.9662, 35.2335

Triad

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



27.5246, 54.9662, 9.1876



42.7374, 54.9662, 268.2155



103.7862, 54.9662, 32.5003

Complementary

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



27.5246, 54.9662, 9.1876



44.6302, 21.4226, 74.4588

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.



104.3781, 54.9662, 93.8756



27.5246, 54.9662, 9.1876



64.6598, 54.9662, 265.3153

Square

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



27.5246, 54.9662, 9.1876



28.1963, 54.9662, 194.3513



88.5592, 54.9662, 188.0062



87.1149, 54.9662, 8.3741

Rectangle

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



27.5246, 54.9662, 9.1876



20.6612, 54.9662, 73.2643



88.5592, 54.9662, 188.0062



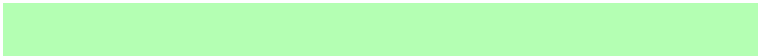
106.0024, 54.9662, 48.1800

Sweetspot

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



27.5259, 54.9685, 9.1888



62.5531, 84.3982, 55.3768



58.1368, 69.2364, 10.3295



12.6592, 17.7142, 10.6551



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.



27.5259, 54.9685, 9.1888



35.8019, 71.5416, 11.9220



30.3113, 56.0784, 24.0504



14.2067, 16.0981, 15.2629



16.0494, 32.0552, 5.3414



1.1922, 2.3720, 0.3950

Inverse Universe

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



44.6302, 21.4226, 74.4588



58.0706, 27.8514, 96.9229



34.9483, 17.6568, 18.6385



14.9755, 14.6051, 18.1741



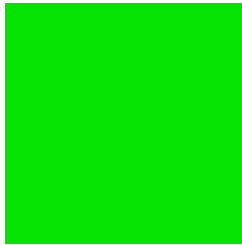
26.0268, 12.4832, 43.4209



1.9293, 0.9256, 3.2089

Previews

White Background



This preview shows how the XYZ color 27.5246, 54.9662, 9.1876 looks on a white background.

Color Contrast Check

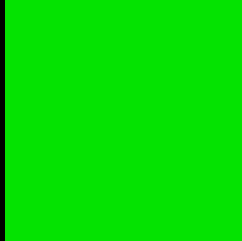
Large Text (above 18pt) WCAG AA × Fail

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 27.5246, 54.9662, 9.1876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

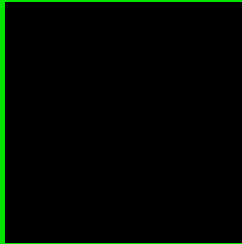
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

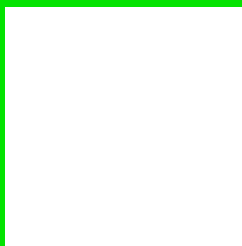
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5246, 54.9662, 9.1876

Background



This preview shows how black text looks on a background with the XYZ color 27.5246, 54.9662, 9.1876.



This preview shows how white text looks on a background with the XYZ color 27.5246, 54.9662,

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

27.5246, 54.9662, 9.1876

Protanopia

48.5052, 53.6436, 7.7978

Deuteranopia

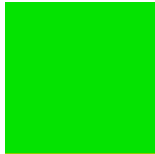
55.0031, 53.7358, 10.3788



Tritanopia

42.0172, 54.6229, 81.7275

Trichromacy



Original Color

27.5246, 54.9662, 9.1876



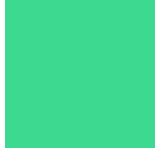
Protanomaly

33.0558, 49.8053, 7.8712



Deuteranomaly

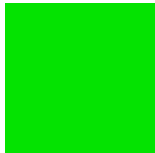
34.8196, 48.5809, 8.9084



Tritanomaly

31.9103, 52.6942, 35.2772

Monochromacy



Original Color

27.5246, 54.9662, 9.1876



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

19.6128, 30.7034, 13.6967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5246, 54.9662, 9.1876 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(4, 227, 1)` looks like.

```
.text, #text, p{  
    color:rgb(4, 227, 1)  
}
```

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(4, 227, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 227, 1) }
```

Border

The CSS property to change the border of an element to XYZ 27.5246, 54.9662, 9.1876 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(4, 227, 1) }
```


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

```
.border{ border-color:rgb(4, 227, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 227, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 227, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 227, 1); box-shadow:4px  
4px 4px 4px rgb(4, 227, 1) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5246, 54.9662, 9.1876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 227, 1) }
```

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

```
.background{ background-color: rgb(4, 227,  
1) }
```

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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