

Converting Colors

XYZ(26.9526, 53.8614, 9.1193)

Have a look what the booklet for
XYZ(26.9526, 53.8614, 9.1193)
contains.

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Color

**XYZ(26.9526, 53.8614,
9.1193)**

Conversions

Conversions Part 1

Format	Color
Hex	00E105
RGB	0, 225, 5
RGB Percent	0%, 88%, 2%
CMY	1.0000, 0.1176, 0.9803
CMYK	1.00, 0.00, 0.98, 0.12
HSL	121°, 100%, 44%
HSV	121°, 100%, 88%
XYZ	26.9526, 53.8614, 9.1193
YIQ	132.6450, -63.4800, -116.1200

Conversions

Conversions Part 2

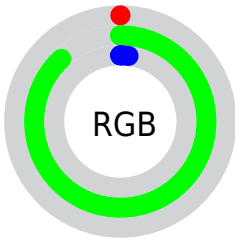
Format	Color
RYB	0, 220, 225
Decimal	57605
CIELab	78.38, -78.32, 75.22
CIELCh	78, 108.594, 136.157
Yxy	53.8614, 0.2997, 0.5989
Android (android.graphics.Color)	4278247685 (0xFF00E105)
YUV	132.6450, -62.9290, -116.3297
Hunter-Lab	73.3903, -62.8789, 44.0060

Details

The XYZ color **26.9526, 53.8614, 9.1193** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **43.9676, 21.1742, 69.4627**, and the grayscale version is **22.4054, 23.5722, 25.6701**.

A 20% lighter version of the original color is **44.0358, 75.5876, 21.2858**, and **14.0026, 28.0053, 4.6675** is the 20% darker color. If you saturate the color by 10%, you get **26.9539, 53.8636, 9.1205**, and if you desaturate by 10%, it is **27.4665, 54.1082, 10.0348**.

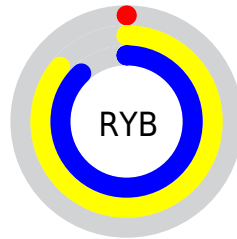
Distribution



Red (0%)

Green (88%)

Blue (2%)



Red (0%)

Yellow (86%)

Blue (88%)

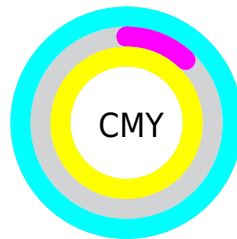


Cyan (100%)

Magenta (0%)

Yellow (98%)

Black (12%)



Cyan (100%)


Magenta (12%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9526, 53.8614, 9.1193 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 26.9526, 53.8614, 9.1193 by changing the saturation by 10% instead.


 26.9526, 53.8614,
9.1193


 26.9526, 53.8614,
9.1193


279.5993,
401.5813, 194.5161


 17.6740, 38.4909,
4.7212


 54.2282, 95.8707,
24.7066


 10.8145, 26.3639,
2.0288


 72.9560, 123.2783,
36.7330

 6.0086, 17.0961,
0.5729


 95.5642, 155.4670,
52.1391

 2.8910, 10.3030,
0.0000

 122.4182,
192.8212, 71.3436

 1.0964, 5.6003,
0.0000

 153.8833,
235.7253, 94.7650

 0.0221, 2.6036,
0.0000

 190.3250,

 0.0000, 0.9285,

284.5638, 122.8219

0.0000

232.1085,
339.7210, 155.9327

■ 0.0000, 0.0000,
0.0000

■ 26.9526, 53.8614,
9.1193

■ 26.9526, 53.8614,
9.1193

■ 26.9539, 53.8636,
9.1205

■ 27.4665, 54.1082,
10.0348

■ 28.5634, 54.6325,
11.9480

■ 30.4136, 55.5189,
15.0781

■ 33.1195, 56.8170,
19.5815

■ 36.7679, 58.5686,
25.5916

■ 41.4347, 60.8103,
33.2259

■ 47.1883, 63.5750,
42.5902

■ 54.0909, 66.8929,
53.7816

■ 62.2002, 70.7917,
66.8898

Harmonies

Analogous

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



40.6119, 53.8614, 2.7138



26.9526, 53.8614, 9.1193



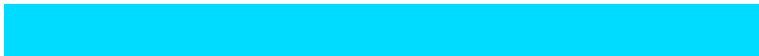
20.8136, 53.8614, 34.8009

Triad

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



26.9526, 53.8614, 9.1193



41.9980, 53.8614, 262.4693



101.5298, 53.8614, 31.6654

Complementary

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



26.9526, 53.8614, 9.1193



43.9676, 21.1742, 69.4627

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.



102.2078, 53.8614, 91.4616



26.9526, 53.8614, 9.1193



63.4703, 53.8614, 259.1501

Square

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



26.9526, 53.8614, 9.1193



27.7232, 53.8614, 190.6257



86.8201, 53.8614, 183.3619



85.1656, 53.8614, 8.1836

Rectangle

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



26.9526, 53.8614, 9.1193



20.2943, 53.8614, 72.1618



86.8201, 53.8614, 183.3619



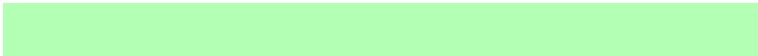
103.7282, 53.8614, 46.9327

Sweetspot

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



26.9539, 53.8636, 9.1205



62.4946, 84.3481, 56.2791



56.8225, 69.2647, 10.3746



12.6460, 17.7029, 10.8586



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.



26.9539, 53.8636, 9.1205



35.7912, 71.5325, 12.0844



30.0934, 55.1195, 25.6530



13.5411, 15.3422, 14.6189



15.5371, 31.0397, 5.2853



1.0814, 2.1533, 0.3897

Inverse Universe

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



43.9676, 21.1742, 69.4627



58.3859, 28.1183, 92.2189



33.7996, 17.1070, 15.9186



14.2811, 13.9301, 17.2505



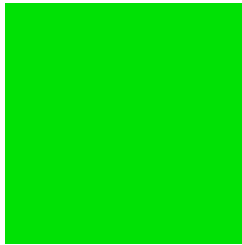
25.3413, 12.2035, 40.0585



1.7608, 0.8476, 2.7991

Previews

White Background



This preview shows how the XYZ color 26.9526, 53.8614, 9.1193 looks on a white background.

Color Contrast Check

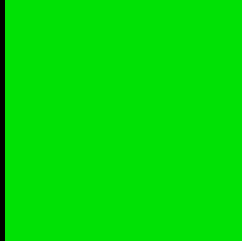
Large Text (above 18pt) WCAG AA × Fail

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 26.9526, 53.8614, 9.1193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

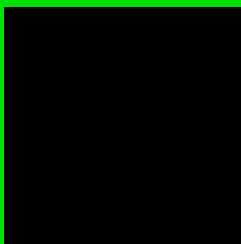
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

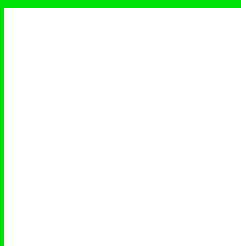
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9526, 53.8614, 9.1193

Background



This preview shows how black text looks on a background with the XYZ color 26.9526, 53.8614, 9.1193.

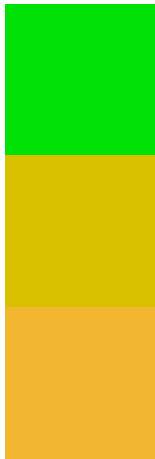


This preview shows how white text looks on a background with the XYZ color 26.9526, 53.8614,

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

26.9526, 53.8614, 9.1193

Protanopia

47.6852, 52.8916, 7.6958

Deuteranopia

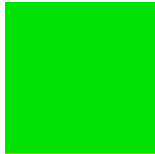
53.9003, 52.5549, 10.2090



Tritanopia

41.1440, 53.4716, 80.1040

Trichromacy



Original Color

26.9526, 53.8614, 9.1193



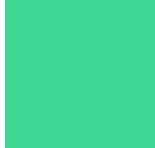
Protanomaly

32.3235, 49.0703, 7.8253



Deuteranomaly

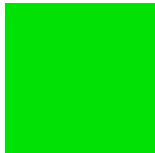
33.7950, 47.3680, 8.8006



Tritanomaly

31.3522, 51.6369, 35.5086

Monochromacy



Original Color

26.9526, 53.8614, 9.1193



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

19.0622, 29.8756, 13.5660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9526, 53.8614, 9.1193 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, 5)` looks like.

```
.text, #text, p{  
    color:rgb(0, 225, 5)  
}
```

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, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 225, 5) }
```

Border

The CSS property to change the border of an element to XYZ 26.9526, 53.8614, 9.1193 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, 5) }
```


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

```
.border{ border-color:rgb(0, 225, 5) }
```

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, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 225, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 225, 5); box-shadow:4px  
4px 4px 4px rgb(0, 225, 5) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9526, 53.8614, 9.1193 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, 5) }
```

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

```
.background{ background-color: rgb(0, 225,  
5) }
```

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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