

Converting Colors

XYZ(26.8433, 53.5586, 9.3422)

Have a look what the booklet for
XYZ(26.8433, 53.5586, 9.3422)
contains.

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Color

**XYZ(26.7349, 53.3430,
9.3026)**

Conversions

Conversions Part 1

Format	Color
Hex	00E00E
RGB	0, 224, 14
RGB Percent	0%, 88%, 5%
CMY	1.0000, 0.1216, 0.9450
CMYK	1.00, 0.00, 0.94, 0.12
HSL	124°, 100%, 44%
HSV	124°, 100%, 88%
XYZ	26.7349, 53.3430, 9.3026
YIQ	133.0840, -66.0940, -112.7980

Conversions

Conversions Part 2

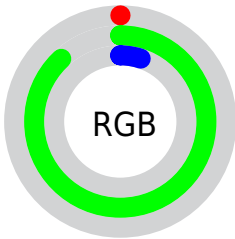
Format	Color
RYB	0, 211, 224
Decimal	57358
CIELab	78.08, -77.90, 74.11
CIELCh	78, 107.524, 136.426
Yxy	53.3430, 0.2991, 0.5968
Android (android.graphics.Color)	4278247438 (0xFF00E00E)
YUV	133.0840, -58.7084, -116.7147
Hunter-Lab	73.0363, -62.4737, 43.5737

Details

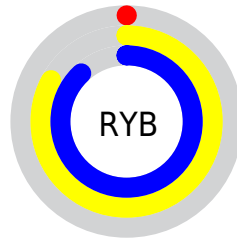
The XYZ color **26.7349, 53.3430, 9.3026** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **42.3722, 20.5001, 62.6840**, and the grayscale version is **22.5514, 23.7258, 25.8374**.

A 20% lighter version of the original color is **44.1187, 75.6208, 21.7222**, and **13.8187, 27.6374, 4.6062** is the 20% darker color. If you saturate the color by 10%, you get **26.7361, 53.3452, 9.3038**, and if you desaturate by 10%, it is **27.3002, 53.6101, 10.5007**.

Distribution



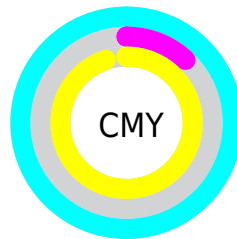
- Red (0%)
- Green (88%)
- Blue (5%)



- Red (0%)
- Yellow (83%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (94%)
- Black (12%)





- Cyan (100%)
- Magenta (12%)
- Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7349, 53.3430, 9.3026 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 26.7349, 53.3430, 9.3026 by changing the saturation by 10% instead.


 26.7349, 53.3430,
9.3026


 26.7349, 53.3430,
9.3026


278.5623,
399.5997, 195.9199


 17.5098, 38.0767,
4.8396


 53.8811, 95.1089,
25.0622


 10.6962, 26.0422,
2.0964


 72.5328, 122.3772,
37.1959

 5.9287, 16.8552,
0.6136


 95.0575, 154.4150,
52.7235

 2.8420, 10.1313,
0.0000

 121.8205,
191.6067, 72.0636

 1.0708, 5.4861,
0.0000

 153.1871,
234.3366, 95.6348

 0.0005, 2.5352,
0.0000

 189.5227,

 0.0000, 0.8942,

282.9891, 123.8555

0.0000

231.1926,
337.9487, 157.1444

■ 0.0000, 0.0000,
0.0000

■ 26.7349, 53.3430,
9.3026

■ 26.7349, 53.3430,
9.3026

■ 26.7361, 53.3452,
9.3038

■ 27.3002, 53.6101,
10.5007

■ 28.4444, 54.1525,
12.6972

■ 30.3254, 55.0499,
16.0518

■ 33.0399, 56.3493,
20.6942

■ 36.6697, 58.0906,
26.7369

■ 41.2870, 60.3087,
34.2801

■ 46.9568, 63.0353,
43.4148

■ 53.7384, 66.2991,
54.2249

■ 61.6869, 70.1269,
66.7882

Harmonies

Analogous

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



40.1296, 53.3430, 2.8047



26.7349, 53.3430, 9.3026



20.7328, 53.3430, 34.9714

Triad

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



26.7349, 53.3430, 9.3026



41.8121, 53.3430, 258.2557



100.0599, 53.3430, 31.1585

Complementary

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



26.7349, 53.3430, 9.3026



42.3722, 20.5001, 62.6840

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.



100.8797, 53.3430, 89.6268



26.7349, 53.3430, 9.3026



62.9826, 53.3430, 254.2522

Square

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



26.7349, 53.3430, 9.3026



27.6723, 53.3430, 188.3894



85.8936, 53.3430, 179.6196



83.8917, 53.3430, 8.1542

Rectangle

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



26.7349, 53.3430, 9.3026



20.2555, 53.3430, 71.9926



85.8936, 53.3430, 179.6196



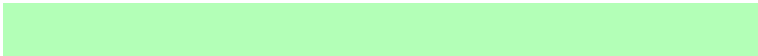
102.2672, 53.3430, 46.0888

Sweetspot

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



26.7361, 53.3452, 9.3038



62.8124, 84.4752, 57.9524



54.0404, 67.4303, 10.1671



12.7179, 17.7317, 11.2373



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.



26.7361, 53.3452, 9.3038



35.8533, 71.5573, 12.4111



30.2445, 54.7486, 27.7788



13.5634, 15.3511, 14.7361



15.5760, 31.0553, 5.4904



1.0921, 2.1575, 0.4460

Inverse Universe

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



42.3722, 20.5001, 62.6840



56.8254, 27.4942, 84.0016



33.0810, 16.7836, 13.7571



14.2560, 13.9200, 17.1184



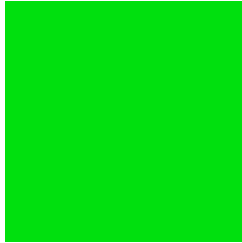
24.6788, 11.9385, 36.5701



1.7220, 0.8321, 2.5948

Previews

White Background



This preview shows how the XYZ color 26.7349, 53.3430, 9.3026 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 26.7349, 53.3430, 9.3026 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 26.7349, 53.3430, 9.3026

Background



This preview shows how black text looks on a background with the XYZ color 26.7349, 53.3430, 9.3026.



This preview shows how white text looks on a background with the XYZ color 26.7349, 53.3430,

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

26.7349, 53.3430, 9.3026

Protanopia

47.1685, 52.2982, 7.6085

Deuteranopia

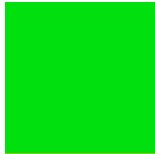
53.2389, 52.2115, 10.2894



Tritanopia

40.7626, 52.9277, 79.3018

Trichromacy



Original Color

26.7349, 53.3430, 9.3026



Protanomaly

31.9368, 48.5151, 7.8247



Deuteranomaly

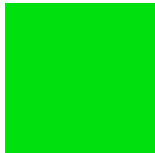
33.4371, 46.8384, 9.0287



Tritanomaly

31.2553, 51.1919, 36.2507

Monochromacy



Original Color

26.7349, 53.3430, 9.3026



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

19.2280, 29.9419, 14.4388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7349, 53.3430, 9.3026 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, 224, 14)` looks like.

```
.text, #text, p{  
    color:rgb(0, 224, 14)  
}
```

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, 224, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 224, 14) }
```

Border

The CSS property to change the border of an element to XYZ 26.7349, 53.3430, 9.3026 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, 224, 14) }
```


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

```
.border{ border-color:rgb(0, 224, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 224, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 224, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 224, 14);  
box-shadow:4px 4px 4px 4px rgb(0, 224, 14)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.7349, 53.3430, 9.3026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 224, 14) }
```

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

```
.background{ background-color: rgb(0, 224,  
14) }
```

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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