

# Converting Colors

XYZ(27.0483, 53.2120, 9.6847)

Have a look what the booklet for  
XYZ(27.0483, 53.2120, 9.6847)  
contains.

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# Color

**XYZ(26.9785, 53.0609,  
9.6840)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1ADF18
RGB	26, 223, 24
RGB Percent	10%, 87%, 9%
CMY	0.8980, 0.1255, 0.9058
CMYK	0.88, 0.00, 0.89, 0.13
HSL	119°, 81%, 48%
HSV	119°, 89%, 87%
XYZ	26.9785, 53.0609, 9.6840
YIQ	141.4110, -53.5330, -103.6530

# Conversions

## Conversions Part 2

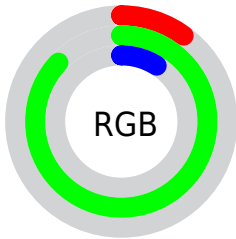
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 223, 221
Decimal	1761048
CIE Lab	77.91, -76.19, 72.64
CIE LCh	78, 105.271, 136.367
Yxy	53.0609, 0.3007, 0.5914
Android (android.graphics.Color)	4279951128 (0xFF1ADF18)
YUV	141.4110, -57.8836, -101.2154
Hunter-Lab	72.8429, -61.3649, 43.1078

# Details

The XYZ color **26.9785, 53.0609, 9.6840** 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 **43.4719, 21.3572, 71.6460**, and the grayscale version is **25.7161, 27.0554, 29.4633**.

A 20% lighter version of the original color is **44.9382, 76.0233, 22.6614**, and **13.6362, 27.2724, 4.5454** is the 20% darker color. If you saturate the color by 10%, you get **26.4472, 52.8066, 8.8480**, and if you desaturate by 10%, it is **28.1107, 53.6075, 11.4832**.

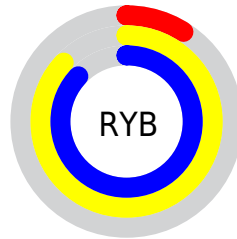
# Distribution



Red (10%)

Green (87%)

Blue (9%)



Red (9%)

Yellow (87%)

Blue (87%)

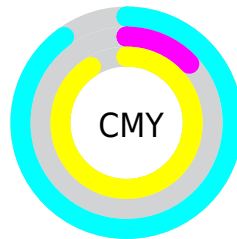


Cyan (88%)

Magenta (0%)

Yellow (89%)

Black (13%)



Cyan (90%)

Magenta (13%)


Yellow (91%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9785, 53.0609, 9.6840 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 26.9785, 53.0609, 9.6840 by changing the saturation by 10% instead.





 26.9785, 53.0609,  
9.6840


 26.9785, 53.0609,  
9.6840


279.7225,  
398.5187, 198.8038


 17.6936, 37.8514,  
5.0871


 54.2695, 94.6940,  
25.7979

 10.8286, 25.8674,  
2.2388


 73.0063, 121.8863,  
38.1519

 6.0181, 16.7244,  
0.6966


 95.6244, 153.8418,  
53.9288

 2.8969, 10.0382,  
0.0000

 122.4892,  
190.9446, 73.5469

 1.0995, 5.4243,  
0.0000

 153.9661,  
233.5794, 97.4250

 0.0247, 2.4983,  
0.0000

 190.4203,

 0.0000, 0.8758,

282.1304, 125.9814

0.0000

232.2173,  
336.9820, 159.6349

■ 0.0000, 0.0000,  
0.0000

■ 26.9785, 53.0609,  
9.6840

■ 26.9785, 53.0609,  
9.6840

■ 26.4472, 52.8066,  
8.8480

■ 28.1107, 53.6075,  
11.4832

■ 26.4166, 52.7918,  
8.7976

■ 29.9880, 54.5103,  
14.5089

■ 32.7104, 55.8187,  
18.9286

■ 36.3615, 57.5729,  
24.8830

■ 41.0150, 59.8082,  
32.4954

■ 46.7372, 62.5564,  
41.8767

■ 53.5885, 65.8465,  
53.1282

■ 61.6252, 69.7053,  
66.3435

■ 70.8993, 74.1580,  
81.6102

# Harmonies

## Analogous

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



40.1380, 53.0609, 3.0758



26.9785, 53.0609, 9.6840



21.0444, 53.0609, 35.0758

# Triad

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



26.9785, 53.0609, 9.6840



41.7154, 53.0609, 251.0537



98.3892, 53.0609, 31.4828

# Complementary

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



26.9785, 53.0609, 9.6840



43.4719, 21.3572, 71.6460

# 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.



99.1497, 53.0609, 88.6135



26.9785, 53.0609, 9.6840



62.3526, 53.0609, 247.3668

# Square

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



26.9785, 53.0609, 9.6840



27.8627, 53.0609, 183.7335



84.6078, 53.0609, 175.6348



82.7476, 53.0609, 8.5737



# Rectangle

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



26.9785, 53.0609, 9.6840



20.5645, 53.0609, 71.1932



84.6078, 53.0609, 175.6348



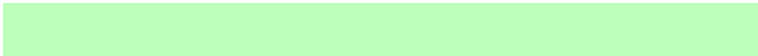
100.5149, 53.0609, 46.1573

# Sweetspot

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



26.9797, 53.0631, 9.6852



65.0923, 85.6157, 59.6328



56.1090, 66.7772, 10.7970



13.3026, 18.0228, 11.7303



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.



26.9797, 53.0631, 9.6852



35.7918, 71.5364, 11.9215



30.1677, 54.3326, 26.7280



13.5414, 15.3437, 14.5547



15.5375, 31.0424, 5.1729



1.0815, 2.1540, 0.3588



# Inverse Universe

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



43.4719, 21.3572, 71.6460



58.3611, 28.0012, 96.9365



34.5790, 17.8703, 21.6460



14.2808, 13.9283, 17.3234



25.3309, 12.1539, 42.0592

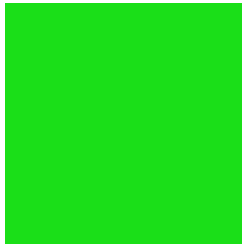


1.7602, 0.8447, 2.9155



# Previews

## White Background



This preview shows how the XYZ color 26.9785, 53.0609, 9.6840 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 26.9785, 53.0609, 9.6840 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

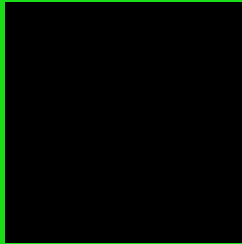
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 26.9785, 53.0609, 9.6840**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.9785, 53.0609, 9.6840.



This preview shows how white text looks on a background with the XYZ color 26.9785, 53.0609, 9.6840.



# 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

26.9785, 53.0609, 9.6840

### Protanopia

46.7044, 51.7284, 7.7814

### Deuteranopia

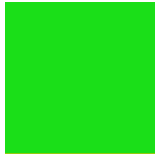
52.7631, 51.6555, 10.5578



## Tritanopia

40.5912, 52.4943, 78.5140

# Trichromacy



## Original Color

26.9785, 53.0609, 9.6840



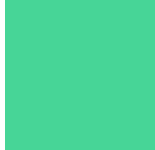
## Protanomaly

33.2893, 48.8546, 8.0908



## Deuteranomaly

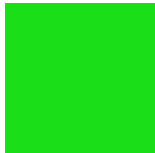
35.0581, 47.3284, 9.4780



## Tritanomaly

31.9787, 51.1625, 37.4680

# Monochromacy



## Original Color

26.9785, 53.0609, 9.6840



## Achromatopsia

25.3171, 26.6356, 29.0061



## Achromatomaly

21.9131, 32.6603, 16.7044

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.9785, 53.0609, 9.6840 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(26, 223, 24)` looks like.

```
.text, #text, p{  
    color:rgb(26, 223, 24)  
}
```

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(26, 223, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 223, 24) }
```

## Border

The CSS property to change the border of an element to XYZ 26.9785, 53.0609, 9.6840 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(26, 223, 24) }
```



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

```
.border{ border-color:rgb(26, 223, 24) }
```

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

Here you see how a box with a 4 pixel rgb(26, 223, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 223, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 223, 24);  
box-shadow:4px 4px 4px 4px rgb(26, 223,  
24) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.9785, 53.0609, 9.6840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 223, 24) }
```

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

```
.background{ background-color: rgb(26, 223,  
24) }
```

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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