

# Converting Colors

XYZ(26.1875, 52.2721, 9.0461)

Have a look what the booklet for  
XYZ(26.1875, 52.2721, 9.0461)  
contains.

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# Color

**XYZ(26.1876, 52.2691,  
9.0565)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00DE0C
RGB	0, 222, 12
RGB Percent	0%, 87%, 5%
CMY	1.0000, 0.1294, 0.9528
CMYK	1.00, 0.00, 0.95, 0.13
HSL	123°, 100%, 44%
HSV	123°, 100%, 87%
XYZ	26.1876, 52.2691, 9.0565
YIQ	131.6820, -64.9020, -112.3740

# Conversions

## Conversions Part 2

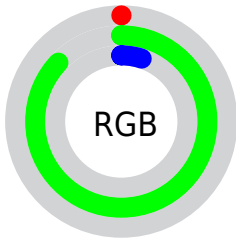
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 211, 222
Decimal	56844
CIELab	77.44, -77.41, 73.80
CIELCh	77, 106.955, 136.367
Yxy	52.2691, 0.2992, 0.5973
Android (android.graphics.Color)	4278246924 (0xFF00DE0C)
YUV	131.6820, -59.0032, -115.4851
Hunter-Lab	72.2974, -61.8640, 43.1811

# Details

The XYZ color **26.1876, 52.2691, 9.0565** 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 **41.7558, 20.1824, 62.6544**, and the grayscale version is **22.0420, 23.1899, 25.2538**.

A 20% lighter version of the original color is **44.0770, 75.6041, 21.5025**, and **13.4551, 26.9103, 4.4850** is the 20% darker color. If you saturate the color by 10%, you get **26.1889, 52.2713, 9.0577**, and if you desaturate by 10%, it is **26.7325, 52.5275, 10.1703**.

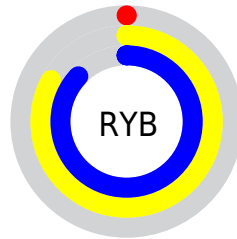
# Distribution



Red (0%)

Green (87%)

Blue (5%)



Red (0%)

Yellow (83%)

Blue (87%)

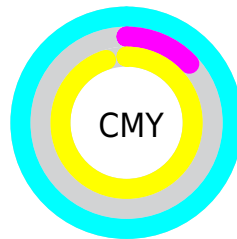


Cyan (100%)

Magenta (0%)

Yellow (95%)

Black (13%)



Cyan (100%)

Magenta (13%)


Yellow (95%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1876, 52.2691, 9.0565 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 26.1876, 52.2691, 9.0565 by changing the saturation by 10% instead.





 26.1876, 52.2691,  
9.0565


 26.1876, 52.2691,  
9.0565


275.9416,  
395.4746, 194.0324


 17.0975, 37.2196,  
4.6807


 53.0066, 93.5280,  
24.5845


 10.3997, 25.3776,  
2.0057


 71.4661, 120.5062,  
36.5738

 5.7291, 16.3586,  
0.5588


 93.7795, 152.2294,  
51.9381

 2.7201, 9.7783,  
0.0000

 120.3121,  
189.0820, 71.0959

 1.0076, 5.2522,  
0.0000

 151.4293,  
231.4485, 94.4656

 0.0000, 2.3960,  
0.0000

 187.4963,

 0.0000, 0.8238,

279.7131, 122.4659

0.0000

228.8787,  
334.2604, 155.5153

■ 0.0000, 0.0000,  
0.0000

■ 26.1876, 52.2691,  
9.0565

■ 26.1876, 52.2691,  
9.0565

■ 26.1889, 52.2713,  
9.0577

■ 26.7325, 52.5275,  
10.1703

■ 27.8447, 53.0556,  
12.2657

■ 29.6805, 53.9322,  
15.5055

■ 32.3352, 55.2036,  
20.0213

■ 35.8899, 56.9090,  
25.9269

■ 40.4155, 59.0831,  
33.3234

■ 45.9762, 61.7567,  
42.3025

■ 52.6306, 64.9584,  
52.9486

■ 60.4327, 68.7144,  
65.3401

# Harmonies

## Analogous

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



39.3413, 52.2691, 2.7228



26.1876, 52.2691, 9.0565



20.2896, 52.2691, 34.1582

# Triad

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



26.1876, 52.2691, 9.0565



40.9233, 52.2691, 253.4202



98.1516, 52.2691, 30.5744

# Complementary

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



26.1876, 52.2691, 9.0565



41.7558, 20.1824, 62.6544

# 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.



98.9231, 52.2691, 88.0272



26.1876, 52.2691, 9.0565



61.6882, 52.2691, 249.6505

# Square

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



26.1876, 52.2691, 9.0565



27.0686, 52.2691, 184.6840



84.1841, 52.2691, 176.4281



82.3005, 52.2691, 7.9793



# Rectangle

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



26.1876, 52.2691, 9.0565



19.8139, 52.2691, 70.4302



84.1841, 52.2691, 176.4281



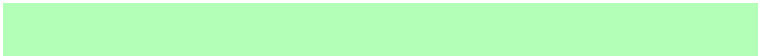
100.3080, 52.2691, 45.2449

# Sweetspot

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



26.1889, 52.2713, 9.0577



62.7452, 84.4483, 57.5985



52.9588, 66.0794, 9.9634



12.7027, 17.7256, 11.1571



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.



26.1889, 52.2713, 9.0577



35.8380, 71.5512, 12.3307



29.6415, 53.6524, 27.2392



13.5587, 15.3492, 14.7115



15.5677, 31.0519, 5.4468



1.0898, 2.1567, 0.4342



# Inverse Universe

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



41.7558, 20.1824, 62.6544



57.1454, 27.6222, 85.6866



32.4209, 16.4484, 13.4978



14.2613, 13.9221, 17.1461



24.8147, 11.9929, 37.2858

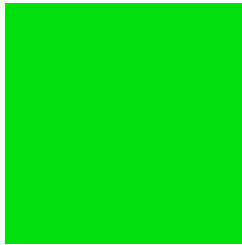


1.7300, 0.8353, 2.6368



# Previews

## White Background



This preview shows how the XYZ color 26.1876, 52.2691, 9.0565 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

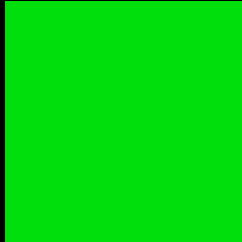
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 26.1876, 52.2691, 9.0565 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

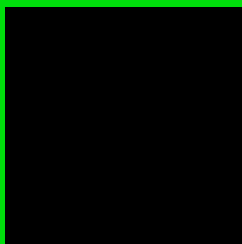
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

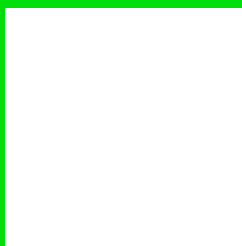
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 26.1876, 52.2691, 9.0565**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.1876, 52.2691, 9.0565.



This preview shows how white text looks on a background with the XYZ color 26.1876, 52.2691,



# 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

26.1876, 52.2691, 9.0565

### Protanopia

46.1450, 51.1231, 7.4356

### Deuteranopia

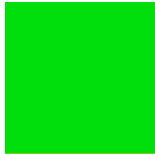
52.1355, 51.0414, 10.0099



## Tritanopia

39.9048, 51.7975, 77.7067

# Trichromacy



## Original Color

26.1876, 52.2691, 9.0565



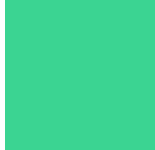
## Protanomaly

31.2958, 47.4841, 7.6307



## Deuteranomaly

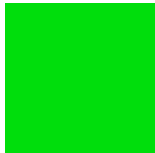
32.5960, 45.7369, 8.7792



## Tritanomaly

30.5354, 50.0921, 35.2535

# Monochromacy



## Original Color

26.1876, 52.2691, 9.0565



## Achromatopsia

21.9318, 23.0740, 25.1276



## Achromatomaly

18.8727, 29.4997, 13.9318

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.1876, 52.2691, 9.0565 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, 222, 12)` looks like.

```
.text, #text, p{  
    color:rgb(0, 222, 12)  
}
```

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, 222, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 222, 12) }
```

## Border

The CSS property to change the border of an element to XYZ 26.1876, 52.2691, 9.0565 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, 222, 12) }
```



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

```
.border{ border-color:rgb(0, 222, 12) }
```

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

Here you see how a box with a 4 pixel rgb(0, 222, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 222, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 222, 12);  
box-shadow:4px 4px 4px 4px rgb(0, 222, 12)  
}
```

# Background

The CSS property to change the background color of an element to XYZ 26.1876, 52.2691, 9.0565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 222, 12) }
```

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

```
.background{ background-color: rgb(0, 222,  
12) }
```

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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