

Converting Colors

XYZ(26.2288, 52.2222, 9.4662)

Have a look what the booklet for
XYZ(26.2288, 52.2222, 9.4662)
contains.

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Color

**XYZ(26.2661, 52.3005,
9.4697)**

Conversions

Conversions Part 1

Format	Color
Hex	00DE16
RGB	0, 222, 22
RGB Percent	0%, 87%, 9%
CMY	1.0000, 0.1294, 0.9137
CMYK	1.00, 0.00, 0.90, 0.13
HSL	126°, 100%, 44%
HSV	126°, 100%, 87%
XYZ	26.2661, 52.3005, 9.4697
YIQ	132.8220, -68.1120, -109.2640

Conversions

Conversions Part 2

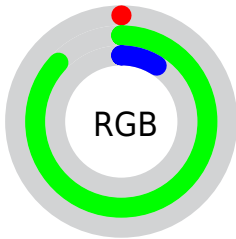
Format	Color
RYB	0, 202, 222
Decimal	56854
CIELab	77.46, -77.17, 72.53
CIELCh	77, 105.901, 136.775
Yxy	52.3005, 0.2984, 0.5941
Android (android.graphics.Color)	4278246934 (0xFF00DE16)
YUV	132.8220, -54.6352, -116.4849
Hunter-Lab	72.3191, -61.7277, 42.8597

Details

The XYZ color **26.2661, 52.3005, 9.4697** 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 **40.5493, 19.6998, 56.3013**, and the grayscale version is **22.4414, 23.6101, 25.7114**.

A 20% lighter version of the original color is **44.1222, 75.6077, 22.3935**, and **13.4551, 26.9103, 4.4850** is the 20% darker color. If you saturate the color by 10%, you get **26.2673, 52.3027, 9.4709**, and if you desaturate by 10%, it is **26.8758, 52.5848, 10.9253**.

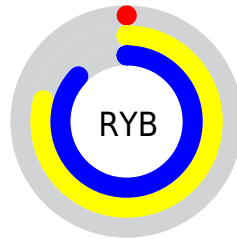
Distribution



Red (0%)

Green (87%)

Blue (9%)



Red (0%)

Yellow (79%)

Blue (87%)

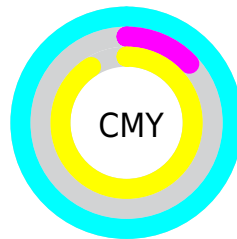


Cyan (100%)

Magenta (0%)

Yellow (90%)

Black (13%)



Cyan (100%)


Magenta (13%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2661, 52.3005, 9.4697 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 26.2661, 52.3005, 9.4697 by changing the saturation by 10% instead.


 26.2661, 52.3005,
9.4697


 26.2661, 52.3005,
9.4697


276.3187,
395.5956, 197.1895


 17.1565, 37.2447,
4.9478


 53.1322, 93.5743,
25.3852

 10.4422, 25.3970,
2.1585


 71.6194, 120.5610,
37.6159


 5.7576, 16.3731,
0.6503


 93.9632, 152.2934,
53.2533

 2.7375, 9.7885,
0.0000

 120.5290,
189.1560, 72.7159

 1.0165, 5.2590,
0.0000

 151.6821,
231.5331, 96.4223

 0.0000, 2.4000,
0.0000

 187.7878,

 0.0000, 0.8259,

279.8092, 124.7910

0.0000

229.2116,
334.3685, 158.2405

■ 0.0000, 0.0000,
0.0000

■ 26.2661, 52.3005,
9.4697

■ 26.2661, 52.3005,
9.4697

■ 26.2673, 52.3027,
9.4709

■ 26.8758, 52.5848,
10.9253

■ 28.0482, 53.1370,
13.3376

■ 29.9333, 54.0333,
16.8370

■ 32.6220, 55.3183,
21.5315

■ 36.1916, 57.0297,
27.5160

■ 40.7104, 59.2010,
34.8760

■ 46.2396, 61.8621,
43.6895

■ 52.8357, 65.0405,
54.0288

■ 60.5507, 68.7615,
65.9614

Harmonies

Analogous

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



39.2319, 52.3005, 2.9024



26.2661, 52.3005, 9.4697



20.4796, 52.3005, 34.9293

Triad

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



26.2661, 52.3005, 9.4697



41.2701, 52.3005, 251.0837



97.4852, 52.3005, 30.2992

Complementary

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



26.2661, 52.3005, 9.4697



40.5493, 19.6998, 56.3013

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.



98.4736, 52.3005, 86.6868



26.2661, 52.3005, 9.4697



61.9052, 52.3005, 246.2731

Square

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



26.2661, 52.3005, 9.4697



27.4048, 52.3005, 184.1923



84.0982, 52.3005, 173.6411



81.6828, 52.3005, 8.0586

Rectangle

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



26.2661, 52.3005, 9.4697



20.0585, 52.3005, 71.2461



84.0982, 52.3005, 173.6411



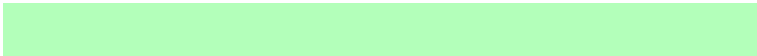
99.6865, 52.3005, 44.7007

Sweetspot

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



26.2673, 52.3027, 9.4709



63.1072, 84.5931, 59.5046



50.8883, 65.0120, 9.8665



12.7849, 17.7585, 11.5901



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.



26.2673, 52.3027, 9.4709



35.9386, 71.5914, 12.8605



30.1183, 53.8431, 29.7497



13.5837, 15.3592, 14.8432



15.6203, 31.0730, 5.7233



1.1018, 2.1614, 0.4971

Inverse Universe

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



40.5493, 19.6998, 56.3013



55.4824, 26.9570, 76.9296



32.0792, 16.3117, 11.6983



14.2334, 13.9110, 16.9991



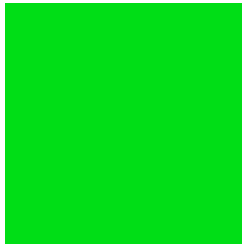
24.1080, 11.7102, 33.5639



1.6882, 0.8186, 2.4171

Previews

White Background



This preview shows how the XYZ color 26.2661, 52.3005, 9.4697 looks on a white background.

Color Contrast Check

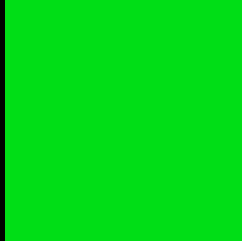
Large Text (above 18pt) WCAG AA × Fail

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 26.2661, 52.3005, 9.4697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

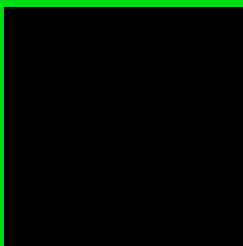
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

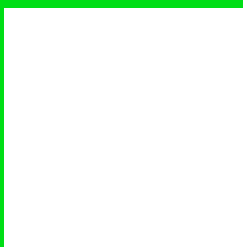
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2661, 52.3005, 9.4697

Background



This preview shows how black text looks on a background with the XYZ color 26.2661, 52.3005, 9.4697.



This preview shows how white text looks on a background with the XYZ color 26.2661, 52.3005,

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

26.2661, 52.3005, 9.4697

Protanopia

46.1450, 51.1231, 7.4356

Deuteranopia

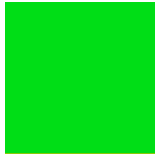
52.2010, 51.0676, 10.3546



Tritanopia

39.9048, 51.7975, 77.7067

Trichromacy



Original Color

26.2661, 52.3005, 9.4697



Protanomaly

31.3177, 47.4928, 7.7461



Deuteranomaly

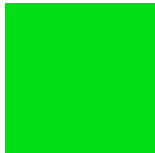
32.6778, 45.7696, 9.2099



Tritanomaly

30.8521, 50.2188, 36.9213

Monochromacy



Original Color

26.2661, 52.3005, 9.4697



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

19.1772, 29.6319, 15.0647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2661, 52.3005, 9.4697 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, 22)` looks like.

```
.text, #text, p{  
    color:rgb(0, 222, 22)  
}
```

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, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 222, 22) }
```

Border

The CSS property to change the border of an element to XYZ 26.2661, 52.3005, 9.4697 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, 22) }
```


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

```
.border{ border-color:rgb(0, 222, 22) }
```

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, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 222, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 222, 22);  
box-shadow:4px 4px 4px 4px rgb(0, 222, 22)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.2661, 52.3005, 9.4697 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, 22) }
```

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

```
.background{ background-color: rgb(0, 222,  
22) }
```

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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