

Converting Colors

XYZ(26.1237, 52.1798, 8.9163)

Have a look what the booklet for
XYZ(26.1237, 52.1798, 8.9163)
contains.

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Color

**XYZ(26.1651, 52.2601,
8.9379)**

Conversions

Conversions Part 1

Format	Color
Hex	00DE08
RGB	0, 222, 8
RGB Percent	0%, 87%, 3%
CMY	1.0000, 0.1294, 0.9685
CMYK	1.00, 0.00, 0.96, 0.13
HSL	122°, 100%, 44%
HSV	122°, 100%, 87%
XYZ	26.1651, 52.2601, 8.9379
YIQ	131.2260, -63.6180, -113.6180

Conversions

Conversions Part 2

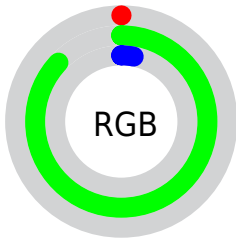
Format	Color
RYB	0, 214, 222
Decimal	56840
CIELab	77.44, -77.48, 74.18
CIELCh	77, 107.264, 136.248
Yxy	52.2601, 0.2995, 0.5982
Android (android.graphics.Color)	4278246920 (0xFF00DE08)
YUV	131.2260, -60.7504, -115.0852
Hunter-Lab	72.2911, -61.9031, 43.2733

Details

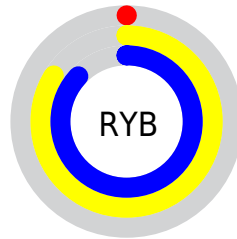
The XYZ color **26.1651, 52.2601, 8.9379** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **42.2599, 20.3840, 65.3089**, and the grayscale version is **21.8834, 23.0230, 25.0721**.

A 20% lighter version of the original color is **44.0358, 75.5876, 21.2858**, and **13.4551, 26.9103, 4.4850** is the 20% darker color. If you saturate the color by 10%, you get **26.1663, 52.2623, 8.9391**, and if you desaturate by 10%, it is **26.6847, 52.5084, 9.9189**.

Distribution



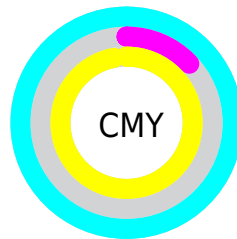
- Red (0%)
- Green (87%)
- Blue (3%)



- Red (0%)
- Yellow (84%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (96%)
- Black (13%)





- Cyan (100%)
- Magenta (13%)
- Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1651, 52.2601, 8.9379 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 26.1651, 52.2601, 8.9379 by changing the saturation by 10% instead.


 26.1651, 52.2601,
8.9379


 26.1651, 52.2601,
8.9379


275.8335,
395.4399, 193.1149


 17.0805, 37.2124,
4.6044


 52.9706, 93.5147,
24.3534

 10.3876, 25.3720,
1.9625


 71.4222, 120.4905,
36.2726


 5.7209, 16.3544,
0.5320


 93.7269, 152.2110,
51.5574

 2.7152, 9.7753,
0.0000

 120.2499,
189.0608, 70.6264

 1.0050, 5.2502,
0.0000

 151.3568,
231.4242, 93.8981

 0.0000, 2.3948,
0.0000

 187.4127,

 0.0000, 0.8232,

279.6856, 121.7910

0.0000

228.7832,
334.2293, 154.7238

■ 0.0000, 0.0000,
0.0000

■ 26.1651, 52.2601,
8.9379

■ 26.1651, 52.2601,
8.9379

■ 26.1663, 52.2623,
8.9391

■ 26.6847, 52.5084,
9.9189

■ 27.7720, 53.0265,
11.8831

■ 29.5868, 53.8947,
15.0122

■ 32.2265, 55.1601,
19.4487

■ 35.7736, 56.8625,
25.3147

■ 40.3006, 59.0371,
32.7183

■ 45.8727, 61.7153,
41.7572

■ 52.5494, 64.9259,
52.5210

■ 60.3857, 68.6956,
65.0929

Harmonies

Analogous

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



39.3739, 52.2601, 2.6717



26.1651, 52.2601, 8.9379



20.2345, 52.2601, 33.9342

Triad

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



26.1651, 52.2601, 8.9379



40.8221, 52.2601, 254.1041



98.3471, 52.2601, 30.6563

Complementary

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



26.1651, 52.2601, 8.9379



42.2599, 20.3840, 65.3089

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.



99.0546, 52.2601, 88.4235



26.1651, 52.2601, 8.9379



61.6245, 52.2601, 250.6437

Square

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



26.1651, 52.2601, 8.9379



26.9708, 52.2601, 184.8254



84.2089, 52.2601, 177.2502



82.4822, 52.2601, 7.9566

Rectangle

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



26.1651, 52.2601, 8.9379



19.7429, 52.2601, 70.1915



84.2089, 52.2601, 177.2502



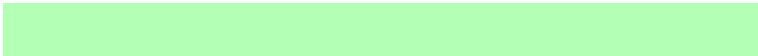
100.4903, 52.2601, 45.4062

Sweetspot

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



26.1663, 52.2623, 8.9391



62.6029, 84.3914, 56.8493



54.0305, 66.6319, 10.0135



12.6705, 17.7127, 10.9874



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.



26.1663, 52.2623, 8.9391



35.8105, 71.5402, 12.1861



29.4163, 53.5623, 26.0533



13.5488, 15.3452, 14.6591



15.5504, 31.0450, 5.3554



1.0850, 2.1547, 0.4090

Inverse Universe

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



42.2599, 20.3840, 65.3089



57.8405, 27.9002, 89.3469



32.6039, 16.5216, 14.4615



14.2725, 13.9266, 17.2051



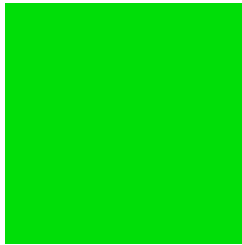
25.1098, 12.1109, 38.8398



1.7473, 0.8422, 2.7279

Previews

White Background



This preview shows how the XYZ color 26.1651, 52.2601, 8.9379 looks on a white background.

Color Contrast Check

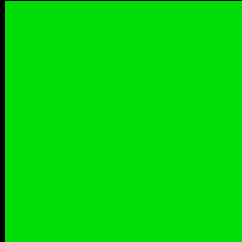
Large Text (above 18pt) WCAG AA × Fail

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 26.1651, 52.2601, 8.9379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

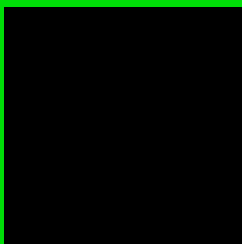
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

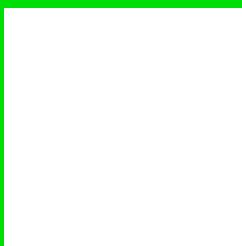
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1651, 52.2601, 8.9379

Background



This preview shows how black text looks on a background with the XYZ color 26.1651, 52.2601, 8.9379.



This preview shows how white text looks on a background with the XYZ color 26.1651, 52.2601,

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

26.1651, 52.2601, 8.9379

Protanopia

46.1450, 51.1231, 7.4356

Deuteranopia

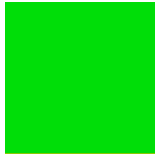
52.1355, 51.0414, 10.0099



Tritanopia

39.9048, 51.7975, 77.7067

Trichromacy



Original Color

26.1651, 52.2601, 8.9379



Protanomaly

31.2903, 47.4819, 7.6019



Deuteranomaly

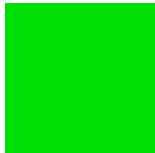
32.5663, 45.7250, 8.6228



Tritanomaly

30.4580, 50.0611, 34.8455

Monochromacy



Original Color

26.1651, 52.2601, 8.9379



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

18.5225, 29.0618, 13.4374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1651, 52.2601, 8.9379 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, 8)` looks like.

```
.text, #text, p{  
    color:rgb(0, 222, 8)  
}
```

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, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 222, 8) }
```

Border

The CSS property to change the border of an element to XYZ 26.1651, 52.2601, 8.9379 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, 8) }
```


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

```
.border{ border-color:rgb(0, 222, 8) }
```

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, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 222, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 222, 8); box-shadow:4px  
4px 4px 4px rgb(0, 222, 8) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1651, 52.2601, 8.9379 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, 8) }
```

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

```
.background{ background-color: rgb(0, 222,  
8) }
```

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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