

Converting Colors

XYZ(26.1096, 52.1742, 8.8422)

Have a look what the booklet for
XYZ(26.1096, 52.1742, 8.8422)
contains.

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Color

**XYZ(26.1487, 52.2535,
8.8513)**

Conversions

Conversions Part 1

Format	Color
Hex	00DE05
RGB	0, 222, 5
RGB Percent	0%, 87%, 2%
CMY	1.0000, 0.1294, 0.9803
CMYK	1.00, 0.00, 0.98, 0.13
HSL	121°, 100%, 44%
HSV	121°, 100%, 87%
XYZ	26.1487, 52.2535, 8.8513
YIQ	130.8840, -62.6550, -114.5510

Conversions

Conversions Part 2

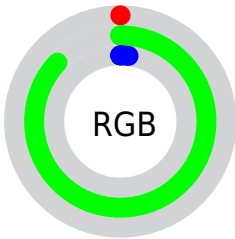
Format	Color
RYB	0, 217, 222
Decimal	56837
CIELab	77.43, -77.53, 74.45
CIELCh	77, 107.491, 136.161
Yxy	52.2535, 0.2997, 0.5989
Android (android.graphics.Color)	4278246917 (0xFF00DE05)
YUV	130.8840, -62.0608, -114.7853
Hunter-Lab	72.2866, -61.9315, 43.3407

Details

The XYZ color **26.1487, 52.2535, 8.8513** 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 **42.6474, 20.5391, 67.3495**, and the grayscale version is **21.7652, 22.8987, 24.9367**.

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 **26.1498, 52.2556, 8.8523**, and if you desaturate by 10%, it is **26.6524, 52.4954, 9.7482**.

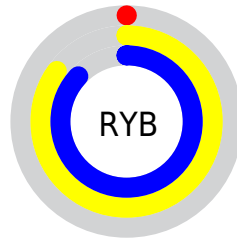
Distribution



Red (0%)

Green (87%)

Blue (2%)



Red (0%)

Yellow (85%)

Blue (87%)

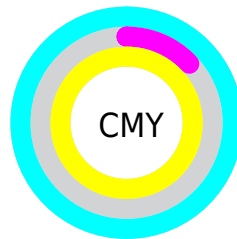


Cyan (100%)

Magenta (0%)

Yellow (98%)

Black (13%)



Cyan (100%)


Magenta (13%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1487, 52.2535, 8.8513 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 26.1487, 52.2535, 8.8513 by changing the saturation by 10% instead.


 26.1487, 52.2535,
8.8513


 26.1487, 52.2535,
8.8513


275.7546,
395.4145, 192.4417


 17.0682, 37.2072,
4.5488


 52.9443, 93.5050,
24.1843

 10.3787, 25.3679,
1.9310


 71.3902, 120.4789,
36.0520


 5.7150, 16.3514,
0.5124


 93.6885, 152.1976,
51.2784

 2.7115, 9.7731,
0.0000

 120.2046,
189.0452, 70.2822

 1.0031, 5.2488,
0.0000

 151.3039,
231.4064, 93.4819

 0.0000, 2.3940,
0.0000

 187.3518,

 0.0000, 0.8228,

279.6654, 121.2961

0.0000

228.7136,
334.2066, 154.1431

■ 0.0000, 0.0000,
0.0000

■ 26.1487, 52.2535,
8.8513

■ 26.1487, 52.2535,
8.8513

■ 26.1498, 52.2556,
8.8523

■ 26.6524, 52.4954,
9.7482

■ 27.7208, 53.0060,
11.6125

■ 29.5194, 53.8678,
14.6562

■ 32.1474, 55.1284,
19.0305

■ 35.6886, 56.8285,
24.8641

■ 40.2163, 59.0034,
32.2706

■ 45.7967, 61.6849,
41.3525

■ 52.4900, 64.9023,
52.2033

■ 60.3521, 68.6822,
64.9100

Harmonies

Analogous

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



39.3981, 52.2535, 2.6346



26.1487, 52.2535, 8.8513



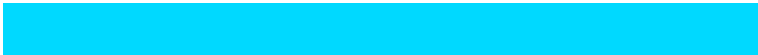
20.1941, 52.2535, 33.7698

Triad

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



26.1487, 52.2535, 8.8513



40.7476, 52.2535, 254.6068



98.4910, 52.2535, 30.7170

Complementary

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



26.1487, 52.2535, 8.8513



42.6474, 20.5391, 67.3495

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.



99.1511, 52.2535, 88.7163



26.1487, 52.2535, 8.8513



61.5774, 52.2535, 251.3755

Square

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



26.1487, 52.2535, 8.8513



26.8990, 52.2535, 184.9282



84.2268, 52.2535, 177.8567



82.6160, 52.2535, 7.9401

Rectangle

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



26.1487, 52.2535, 8.8513



19.6909, 52.2535, 70.0157



84.2268, 52.2535, 177.8567



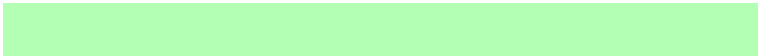
100.6243, 52.2535, 45.5256

Sweetspot

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



26.1499, 52.2557, 8.8525



62.4968, 84.3489, 56.2904



55.1268, 67.1970, 10.0650



12.6465, 17.7031, 10.8611



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.



26.1499, 52.2557, 8.8525



35.7916, 71.5326, 12.0864



29.1999, 53.4757, 24.9134



13.5413, 15.3423, 14.6197



15.5373, 31.0398, 5.2867



1.0815, 2.1533, 0.3901

Inverse Universe

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



42.6474, 20.5391, 67.3495



58.3749, 28.1140, 92.1611



32.7953, 16.5983, 15.4693



14.2809, 13.9300, 17.2496



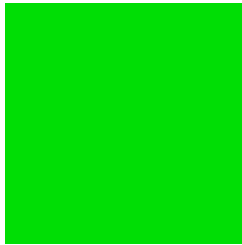
25.3366, 12.2016, 40.0339



1.7605, 0.8475, 2.7977

Previews

White Background



This preview shows how the XYZ color 26.1487, 52.2535, 8.8513 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 26.1487, 52.2535, 8.8513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

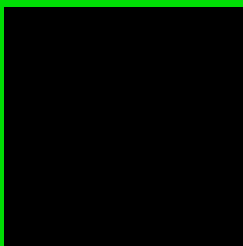
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

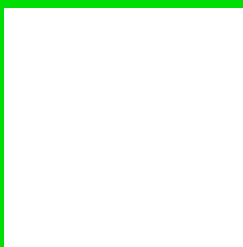
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1487, 52.2535, 8.8513

Background



This preview shows how black text looks on a background with the XYZ color 26.1487, 52.2535, 8.8513.

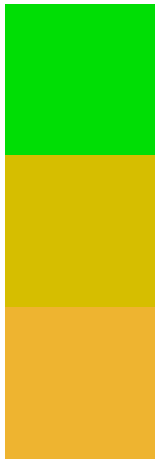


This preview shows how white text looks on a background with the XYZ color 26.1487, 52.2535,

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

26.1487, 52.2535, 8.8513

Protanopia

46.1450, 51.1231, 7.4356

Deuteranopia

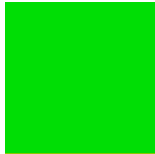
52.1147, 51.0331, 9.8999



Tritanopia

39.9048, 51.7975, 77.7067

Trichromacy



Original Color

26.1487, 52.2535, 8.8513



Protanomaly

31.2848, 47.4797, 7.5730



Deuteranomaly

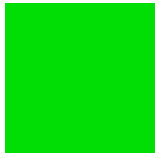
32.5383, 45.7138, 8.4752



Tritanomaly

30.3812, 50.0304, 34.4411

Monochromacy



Original Color

26.1487, 52.2535, 8.8513



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

18.4824, 29.0458, 13.2266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1487, 52.2535, 8.8513 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, 5)` looks like.

```
.text, #text, p{  
    color:rgb(0, 222, 5)  
}
```

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, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 222, 5) }
```

Border

The CSS property to change the border of an element to XYZ 26.1487, 52.2535, 8.8513 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, 5) }
```


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

```
.border{ border-color:rgb(0, 222, 5) }
```

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, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 222, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 222, 5); box-shadow:4px  
4px 4px 4px rgb(0, 222, 5) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1487, 52.2535, 8.8513 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, 5) }
```

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

```
.background{ background-color: rgb(0, 222,  
5) }
```

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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