

Converting Colors

XYZ(26.7822, 52.4432, 12.3838)

Have a look what the booklet for
XYZ(26.7822, 52.4432, 12.3838)
contains.

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Color

**XYZ(26.8109, 52.5184,
12.3384)**

Conversions

Conversions Part 1

Format	Color
Hex	00DE37
RGB	0, 222, 55
RGB Percent	0%, 87%, 22%
CMY	1.0000, 0.1294, 0.7843
CMYK	1.00, 0.00, 0.75, 0.13
HSL	135°, 100%, 44%
HSV	135°, 100%, 87%
XYZ	26.8109, 52.5184, 12.3384
YIQ	136.5840, -78.7050, -99.0010

Conversions

Conversions Part 2

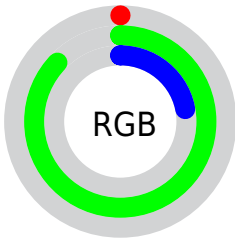
Format	Color
RYB	0, 178, 222
Decimal	56887
CIELab	77.59, -75.49, 64.58
CIELCh	78, 99.344, 139.454
Yxy	52.5184, 0.2925, 0.5729
Android (android.graphics.Color)	4278246967 (0xFF00DE37)
YUV	136.5840, -40.2209, -119.7842
Hunter-Lab	72.4696, -60.7838, 40.6342

Details

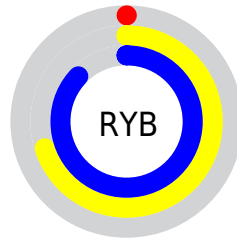
The XYZ color **26.8109, 52.5184, 12.3384** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **37.1009, 18.3205, 38.1418**, and the grayscale version is **23.7907, 25.0297, 27.2574**.

A 20% lighter version of the original color is **45.0473, 75.9635, 27.9110**, and **13.4551, 26.9103, 4.4850** is the 20% darker color. If you saturate the color by 10%, you get **26.8119, 52.5205, 12.3390**, and if you desaturate by 10%, it is **27.6179, 52.8816, 14.8324**.

Distribution



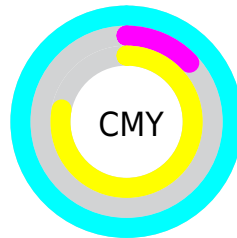
- Red (0%)
- Green (87%)
- Blue (22%)



- Red (0%)
- Yellow (70%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (75%)
- Black (13%)



- Cyan (100%)
- Magenta (13%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8109, 52.5184, 12.3384 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 26.8109, 52.5184, 12.3384 by changing the saturation by 10% instead.

■ 26.8109, 52.5184,
12.3384

■ 26.8109, 52.5184,
12.3384

278.9246,
396.4347, 217.6897

■ 17.5671, 37.4184,
6.8493

■ 54.0023, 93.8953,
30.7835

■ 10.7374, 25.5316,
3.2910

■ 72.6806, 120.9411,
44.5766

■ 5.9566, 16.4736,
1.2451

■ 95.2345, 152.7376,
61.9747

■ 2.8591, 9.8599,
0.0161

■ 122.0293,
189.6692, 83.3963

■ 1.0797, 5.3062,
0.0000

■ 153.4303,
232.1203, 109.2601

■ 0.0080, 2.4280,
0.0000

189.8030,

■ 0.0000, 0.8402,

280.4753, 139.9846

0.0000

231.5127,
335.1186, 175.9883

■ 0.0000, 0.0000,
0.0000

■ 26.8109, 52.5184,
12.3384

■ 26.8109, 52.5184,
12.3384

■ 26.8119, 52.5205,
12.3390

■ 27.6179, 52.8816,
14.8324

■ 28.9570, 53.5005,
18.1216

■ 30.9655, 54.4462,
22.2706

■ 33.7246, 55.7594,
27.3350

■ 37.3032, 57.4744,
33.3655

■ 41.7620, 59.6217,
40.4090

■ 47.1561, 62.2288,
48.5094

■ 53.5357, 65.3206,
57.7080

■ 60.9477, 68.9205,
68.0437

Harmonies

Analogous

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



38.6148, 52.5184, 4.2212



26.8109, 52.5184, 12.3384



21.7310, 52.5184, 39.9493

Triad

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



26.8109, 52.5184, 12.3384



43.4671, 52.5184, 236.5409



93.3894, 52.5184, 28.7278

Complementary

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



26.8109, 52.5184, 12.3384



37.1009, 18.3205, 38.1418

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.



95.6584, 52.5184, 78.7744



26.8109, 52.5184, 12.3384



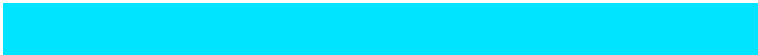
63.2343, 52.5184, 225.7685

Square

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



26.8109, 52.5184, 12.3384



29.5770, 52.5184, 180.8410



83.5114, 52.5184, 156.9841



77.9328, 52.5184, 8.6184

Rectangle

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



26.8109, 52.5184, 12.3384



21.6610, 52.5184, 76.3449



83.5114, 52.5184, 156.9841



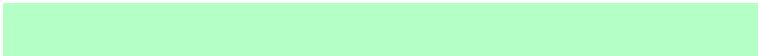
95.8469, 52.5184, 41.5309

Sweetspot

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



26.8121, 52.5206, 12.3396



64.3651, 85.0963, 66.1287



42.7442, 60.8135, 9.4855



13.0736, 17.8740, 13.1103



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.



26.8121, 52.5206, 12.3396



36.6621, 71.8809, 16.6706



32.7157, 54.8820, 43.4276



13.6674, 15.3927, 15.2836



15.9625, 31.2099, 7.5256



1.1418, 2.1775, 0.7080

Inverse Universe

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



37.1009, 18.3205, 38.1418



50.7349, 25.0579, 51.9293



30.9202, 15.8483, 5.5950



14.1423, 13.8746, 16.5196



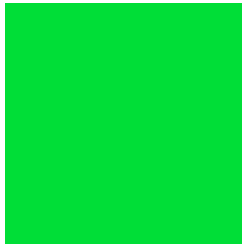
22.0826, 10.9000, 22.8986



1.5656, 0.7695, 1.7711

Previews

White Background



This preview shows how the XYZ color 26.8109, 52.5184, 12.3384 looks on a white background.

Color Contrast Check

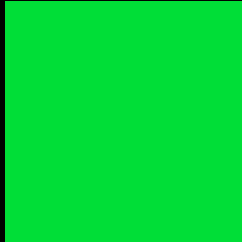
Large Text (above 18pt) WCAG AA × Fail

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 26.8109, 52.5184, 12.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

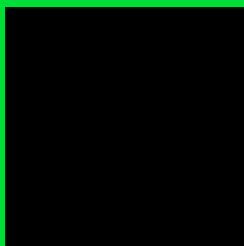
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.8109, 52.5184, 12.3384

Background



This preview shows how black text looks on a background with the XYZ color 26.8109, 52.5184, 12.3384.



This preview shows how white text looks on a background with the XYZ color 26.8109, 52.5184,

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

26.8109, 52.5184, 12.3384

Protanopia

46.3671, 51.1783, 10.1239

Deuteranopia

52.6186, 51.5202, 13.3020



Tritanopia

40.0818, 52.2316, 78.4902

Trichromacy



Original Color

26.8109, 52.5184, 12.3384



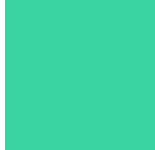
Protanomaly

31.8496, 47.7056, 10.5471



Deuteranomaly

33.4858, 46.4525, 12.3556



Tritanomaly

31.8993, 50.6309, 42.7418

Monochromacy



Original Color

26.8109, 52.5184, 12.3384



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

20.5870, 31.0930, 18.8264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8109, 52.5184, 12.3384 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, 55)` looks like.

```
.text, #text, p{  
    color:rgb(0, 222, 55)  
}
```

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, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 222, 55) }
```

Border

The CSS property to change the border of an element to XYZ 26.8109, 52.5184, 12.3384 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, 55) }
```


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

```
.border{ border-color:rgb(0, 222, 55) }
```

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, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 222, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 222, 55);  
box-shadow:4px 4px 4px 4px rgb(0, 222, 55)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.8109, 52.5184, 12.3384 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, 55) }
```

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

```
.background{ background-color: rgb(0, 222,  
55) }
```

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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