

Converting Colors

XYZ(27.0337, 48.2327, 26.9992)

Have a look what the booklet for
XYZ(27.0337, 48.2327, 26.9992)
contains.

XYZ(26.9324, 48.0438, 26.9227)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.9324, 48.0438,
26.9227)**

Conversions

Conversions Part 1

Format	Color
Hex	00D37C
RGB	0, 211, 124
RGB Percent	0%, 83%, 49%
CMY	0.9999, 0.1725, 0.5137
CMYK	1.00, 0.00, 0.41, 0.17
HSL	155°, 100%, 41%
HSV	155°, 100%, 83%
XYZ	26.9324, 48.0438, 26.9227
YIQ	137.9930, -97.8290, -71.7890

Conversions

Conversions Part 2

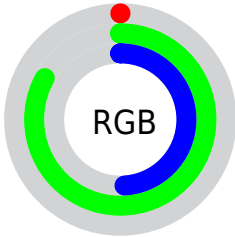
Format	Color
RYB	0, 133, 211
Decimal	54140
CIELab	74.85, -63.20, 31.11
CIELCh	75, 70.440, 153.789
Yxy	48.0438, 0.2643, 0.4715
Android (android.graphics.Color)	4278244220 (0xFF00D37C)
YUV	137.9930, -6.8985, -121.0199
Hunter-Lab	69.3136, -51.9412, 25.4902

Details

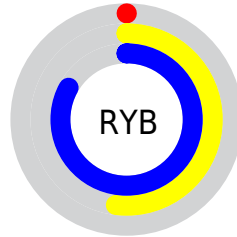
The XYZ color **26.9324, 48.0438, 26.9227** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **28.5863, 14.5382, 10.3204**, and the grayscale version is **24.2097, 25.4705, 27.7374**.

A 20% lighter version of the original color is **49.2893, 77.5779, 53.9712**, and **12.9574, 23.9371, 10.4160** is the 20% darker color. If you saturate the color by 10%, you get **26.9329, 48.0454, 26.9213**, and if you desaturate by 10%, it is **27.8201, 48.4363, 29.9659**.

Distribution



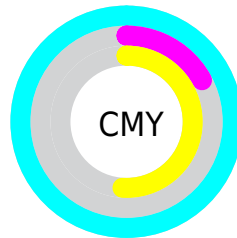
- Red (0%)
- Green (83%)
- Blue (49%)



- Red (0%)
- Yellow (52%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (17%)





- Cyan (100%)
- Magenta (17%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9324, 48.0438, 26.9227 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 26.9324, 48.0438, 26.9227 by changing the saturation by 10% instead.


 26.9324, 48.0438,
26.9227


 26.9324, 48.0438,
26.9227


279.5032,
378.9657, 301.0310


 17.6588, 33.8616,
17.2833


 54.1960, 87.2696,
55.7620


 10.8035, 22.7873,
10.2726


 72.9167, 113.0820,
75.7990


 6.0012, 14.4365,
5.4721


 95.5172, 143.5399,
100.1389

 2.8865, 8.4249,
2.4633

 122.3628,
179.0277, 129.2002

 1.0940, 4.3680,
0.8206

 153.8188,
219.9297, 163.4016

 0.0201, 1.8815,
0.0000

190.2506,

 0.0000, 0.5372,

266.6305, 203.1614

0.0000

232.0237,
319.5144, 248.8984

■ 0.0000, 0.0000,
0.0000

■ 26.9324, 48.0438,
26.9227

■ 26.9324, 48.0438,
26.9227

■ 26.9329, 48.0454,
26.9213

■ 27.8201, 48.4363,
29.9659

■ 29.0968, 49.0223,
33.2860

■ 30.8790, 49.8630,
36.8956

■ 33.2301, 50.9910,
40.8035

■ 36.2041, 52.4339,
45.0179

■ 39.8481, 54.2160,
49.5466

■ 44.2047, 56.3591,
54.3968

■ 49.3127, 58.8830,
59.5757

■ 55.2081, 61.8063,
65.0899

Harmonies

Analogous

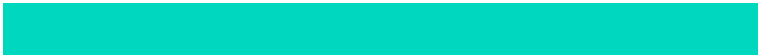
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.2854, 48.0438, 12.8494



26.9324, 48.0438, 26.9227



25.2257, 48.0438, 57.1148

Triad

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



26.9324, 48.0438, 26.9227



47.3119, 48.0438, 159.0501



69.3575, 48.0438, 22.0615

Complementary

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



26.9324, 48.0438, 26.9227



28.5863, 14.5382, 10.3204

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.



74.9287, 48.0438, 47.7854



26.9324, 48.0438, 26.9227



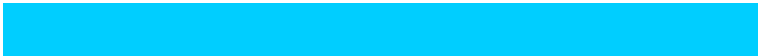
60.7846, 48.0438, 135.6128

Square

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



26.9324, 48.0438, 26.9227



35.6224, 48.0438, 144.6048



71.5313, 48.0438, 90.0820



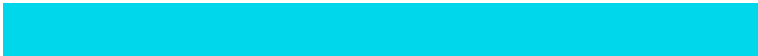
57.4353, 48.0438, 11.1058

Rectangle

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



26.9324, 48.0438, 26.9227



26.6240, 48.0438, 86.2532



71.5313, 48.0438, 90.0820



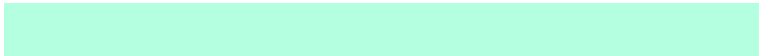
72.1267, 48.0438, 28.6967

Sweetspot

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



26.9336, 48.0457, 26.9238



67.6157, 86.3965, 83.2464



27.3130, 48.6616, 7.9536



13.8365, 18.1791, 17.1274



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.



26.9336, 48.0457, 26.9238



41.2529, 73.7172, 40.8452



30.9218, 43.0300, 68.3062



11.9435, 13.3212, 14.0590



16.3055, 29.0151, 16.5206



0.9507, 1.6379, 1.1289

Inverse Universe

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



28.5863, 14.5382, 10.3204



43.7976, 22.2830, 15.3979



27.0750, 14.2692, 1.3277



12.0080, 11.8879, 13.3178



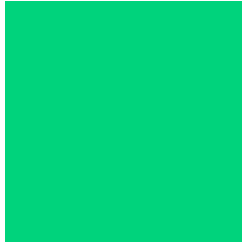
17.2990, 8.7924, 6.4808



1.0063, 0.5072, 0.5680

Previews

White Background



This preview shows how the XYZ color 26.9324, 48.0438, 26.9227 looks on a white background.

Color Contrast Check

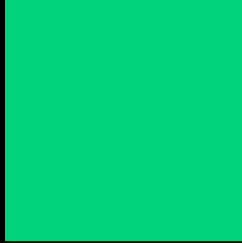
Large Text (above 18pt) WCAG AA × Fail

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 26.9324, 48.0438, 26.9227 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 26.9324, 48.0438, 26.9227

Background



This preview shows how black text looks on a background with the XYZ color 26.9324, 48.0438, 26.9227.



This preview shows how white text looks on a background with the XYZ color 26.9324, 48.0438,

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

26.9324, 48.0438, 26.9227

Protanopia

43.4673, 47.2013, 22.4426

Deuteranopia

47.8137, 46.9248, 28.3671



Tritanopia

36.1095, 47.8442, 72.2974

Trichromacy



Original Color

26.9324, 48.0438, 26.9227



Protanomaly

31.0332, 43.9363, 23.6746



Deuteranomaly

32.2622, 42.8698, 27.3432



Tritanomaly

31.4067, 47.2576, 52.2661

Monochromacy



Original Color

26.9324, 48.0438, 26.9227



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

21.7133, 30.6784, 26.9674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9324, 48.0438, 26.9227 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, 211, 124)` looks like.

```
.text, #text, p{  
    color:rgb(0, 211, 124)  
}
```

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, 211, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 211, 124) }
```

Border

The CSS property to change the border of an element to XYZ 26.9324, 48.0438, 26.9227 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, 211, 124) }
```


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

```
.border{ border-color:rgb(0, 211, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 211, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 211, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 211, 124);  
box-shadow:4px 4px 4px 4px rgb(0, 211,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9324, 48.0438, 26.9227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 211, 124) }
```

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

```
.background{ background-color: rgb(0, 211,  
124) }
```

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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