

Converting Colors

XYZ(26.6657, 48.1974, 24.7149)

Have a look what the booklet for
XYZ(26.6657, 48.1974, 24.7149)
contains.

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Color

**XYZ(26.7544, 48.3713,
24.7561)**

Conversions

Conversions Part 1

Format	Color
Hex	00D475
RGB	0, 212, 117
RGB Percent	0%, 83%, 46%
CMY	0.9999, 0.1686, 0.5412
CMYK	1.00, 0.00, 0.45, 0.17
HSL	153°, 100%, 42%
HSV	153°, 100%, 83%
XYZ	26.7544, 48.3713, 24.7561
YIQ	137.7820, -95.8570, -74.4890

Conversions

Conversions Part 2

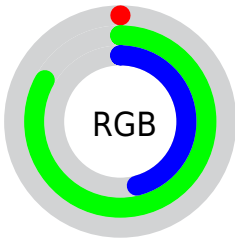
Format	Color
RYB	0, 137, 212
Decimal	54389
CIELab	75.06, -64.81, 34.93
CIELCh	75, 73.622, 151.678
Yxy	48.3713, 0.2679, 0.4843
Android (android.graphics.Color)	4278244469 (0xFF00D475)
YUV	137.7820, -10.2455, -120.8348
Hunter-Lab	69.5495, -53.0459, 27.5804

Details

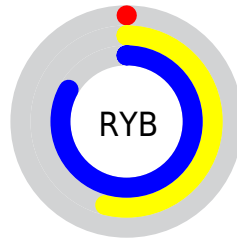
The XYZ color **26.7544, 48.3713, 24.7561** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **29.2190, 14.8245, 12.1525**, and the grayscale version is **24.1411, 25.3983, 27.6587**.

A 20% lighter version of the original color is **48.7246, 77.3653, 50.3952**, and **12.9016, 24.1822, 9.2978** is the 20% darker color. If you saturate the color by 10%, you get **26.7549, 48.3729, 24.7547**, and if you desaturate by 10%, it is **27.6567, 48.7699, 27.8653**.

Distribution



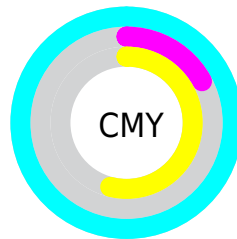
- Red (0%)
- Green (83%)
- Blue (46%)



- Red (0%)
- Yellow (54%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (17%)





- Cyan (100%)
- Magenta (17%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7544, 48.3713, 24.7561 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 26.7544, 48.3713, 24.7561 by changing the saturation by 10% instead.


 26.7544, 48.3713,
24.7561


 26.7544, 48.3713,
24.7561


278.6553,
380.2620, 290.0298


 17.5245, 34.1210,
15.6781


 53.9122, 87.7570,
52.2205


 10.7068, 22.9866,
9.1448


 72.5708, 113.6612,
71.4439


 5.9358, 14.5836,
4.7376


 95.1029, 144.2188,
94.8862

 2.8464, 8.5277,
2.0381

 121.8741,
179.8142, 122.9659

 1.0731, 4.4344,
0.5786

 153.2495,
220.8318, 156.1016

 0.0024, 1.9194,
0.0000

189.5946,

 0.0000, 0.5600,

267.6561, 194.7118

0.0000

231.2748,
320.6713, 239.2150

■ 0.0000, 0.0000,
0.0000

■ 26.7544, 48.3713,
24.7561

■ 26.7544, 48.3713,
24.7561

■ 26.7549, 48.3729,
24.7547

■ 27.6567, 48.7699,
27.8653

■ 28.9607, 49.3675,
31.2967

■ 30.7839, 50.2259,
35.0649

■ 33.1912, 51.3783,
39.1807

■ 36.2373, 52.8528,
43.6543

■ 39.9704, 54.6740,
48.4950

■ 44.4337, 56.8641,
53.7119

■ 49.6669, 59.4433,
59.3138

■ 55.7066, 62.4304,
65.3090

Harmonies

Analogous

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



33.6835, 48.3713, 11.4290



26.7544, 48.3713, 24.7561



24.6606, 48.3713, 54.8673

Triad

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



26.7544, 48.3713, 24.7561



46.7371, 48.3713, 166.8716



71.6944, 48.3713, 22.5535

Complementary

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



26.7544, 48.3713, 24.7561



29.2190, 14.8245, 12.1525

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.



76.9879, 48.3713, 50.5285



26.7544, 48.3713, 24.7561



60.9440, 48.3713, 144.2354

Square

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



26.7544, 48.3713, 24.7561



34.7610, 48.3713, 148.5233



72.7177, 48.3713, 96.2218



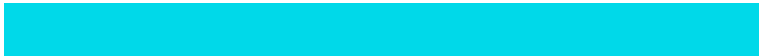
59.3746, 48.3713, 10.6634

Rectangle

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



26.7544, 48.3713, 24.7561



25.8807, 48.3713, 85.0522



72.7177, 48.3713, 96.2218



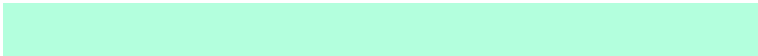
74.4517, 48.3713, 29.7659

Sweetspot

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



26.7556, 48.3732, 24.7572



67.2485, 86.2496, 81.3123



28.3066, 49.5438, 8.0715



13.7493, 18.1442, 16.6681



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

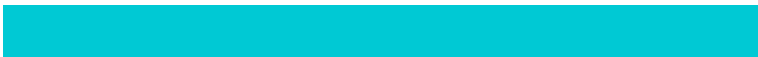
The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.7556, 48.3732, 24.7572



40.5471, 73.4348, 37.1283



32.8653, 46.7158, 69.5745



12.5463, 14.0095, 14.6915



16.5677, 29.8824, 15.5512



1.0407, 1.8189, 1.1562

Inverse Universe

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



29.2190, 14.8245, 12.1525



44.2931, 22.4812, 18.0075



27.2678, 14.2283, 1.3097



12.6522, 12.5124, 14.1090



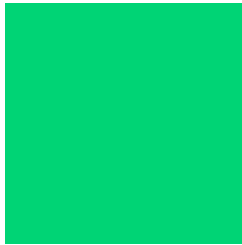
18.0862, 9.1708, 7.7580



1.1322, 0.5697, 0.6857

Previews

White Background



This preview shows how the XYZ color 26.7544, 48.3713, 24.7561 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 26.7544, 48.3713, 24.7561 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 26.7544, 48.3713, 24.7561

Background



This preview shows how black text looks on a background with the XYZ color 26.7544, 48.3713, 24.7561.

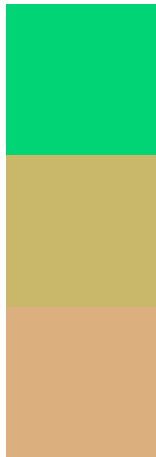


This preview shows how white text looks on a background with the XYZ color 26.7544, 48.3713,

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

26.7544, 48.3713, 24.7561

Protanopia

43.6224, 47.3251, 20.4712

Deuteranopia

48.3093, 47.2264, 26.3081



Tritanopia

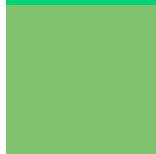
36.6355, 48.4453, 73.0656

Trichromacy



Original Color

26.7544, 48.3713, 24.7561



Protanomaly

31.0083, 44.2986, 21.6680



Deuteranomaly

32.2058, 42.8855, 25.3192



Tritanomaly

31.4872, 47.6769, 51.2591

Monochromacy



Original Color

26.7544, 48.3713, 24.7561



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

21.5089, 30.5967, 25.8912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7544, 48.3713, 24.7561 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, 212, 117)` looks like.

```
.text, #text, p{  
    color:rgb(0, 212, 117)  
}
```

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, 212, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 212, 117) }
```

Border

The CSS property to change the border of an element to XYZ 26.7544, 48.3713, 24.7561 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, 212, 117) }
```


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

```
.border{ border-color:rgb(0, 212, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 212, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 212, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 212, 117);  
box-shadow:4px 4px 4px 4px rgb(0, 212,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7544, 48.3713, 24.7561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 212, 117) }
```

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

```
.background{ background-color: rgb(0, 212,  
117) }
```

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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