

Converting Colors

XYZ(26.6259, 48.1800, 24.5084)

Have a look what the booklet for
XYZ(26.6259, 48.1800, 24.5084)
contains.

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Color

**XYZ(26.6959, 48.3479,
24.4481)**

Conversions

Conversions Part 1

Format	Color
Hex	00D474
RGB	0, 212, 116
RGB Percent	0%, 83%, 45%
CMY	0.9999, 0.1686, 0.5451
CMYK	1.00, 0.00, 0.45, 0.17
HSL	153°, 100%, 42%
HSV	153°, 100%, 83%
XYZ	26.6959, 48.3479, 24.4481
YIQ	137.6680, -95.5360, -74.8000

Conversions

Conversions Part 2

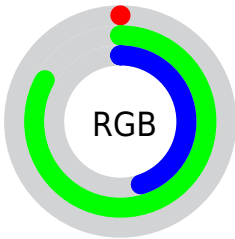
Format	Color
RYB	0, 137, 212
Decimal	54388
CIELab	75.04, -64.99, 35.41
CIElCh	75, 74.007, 151.413
Yxy	48.3479, 0.2683, 0.4859
Android (android.graphics.Color)	4278244468 (0xFF00D474)
YUV	137.6680, -10.6823, -120.7348
Hunter-Lab	69.5327, -53.1501, 27.8261

Details

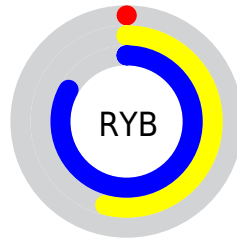
The XYZ color **26.6959, 48.3479, 24.4481** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **29.2647, 14.8428, 12.3932**, and the grayscale version is **24.0990, 25.3541, 27.6106**.

A 20% lighter version of the original color is **48.6304, 77.3276, 49.8988**, and **12.8718, 24.1703, 9.1412** is the 20% darker color. If you saturate the color by 10%, you get **26.6965, 48.3496, 24.4468**, and if you desaturate by 10%, it is **27.5986, 48.7467, 27.5593**.

Distribution



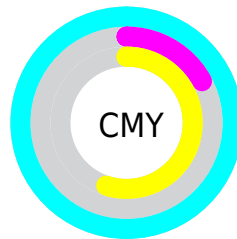
- Red (0%)
- Green (83%)
- Blue (45%)



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



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



- Cyan (100%)
- Magenta (17%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6959, 48.3479, 24.4481 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 26.6959, 48.3479, 24.4481 by changing the saturation by 10% instead.

■ 26.6959, 48.3479,
24.4481

■ 26.6959, 48.3479,
24.4481

278.3762,
380.1695, 288.4373

■ 17.4804, 34.1025,
15.4511

■ 53.8188, 87.7222,
51.7134

■ 10.6750, 22.9723,
8.9865

■ 72.4570, 113.6198,
70.8188

■ 5.9144, 14.5731,
4.6357

■ 94.9666, 144.1703,
94.1307

■ 2.8333, 8.5203,
1.9801

■ 121.7133,
179.7580, 122.0677

■ 1.0662, 4.4297,
0.5430

■ 153.0622,
220.7674, 155.0484

■ 0.0000, 1.9167,
0.0000

189.3787,

■ 0.0000, 0.5584,

267.5829, 193.4911

0.0000

231.0283,
320.5888, 237.8146

■ 0.0000, 0.0000,
0.0000

■ 26.6959, 48.3479,
24.4481

■ 26.6959, 48.3479,
24.4481

■ 26.6965, 48.3496,
24.4468

■ 27.5986, 48.7467,
27.5593

■ 28.9040, 49.3448,
30.9983

■ 30.7298, 50.2043,
34.7802

■ 33.1408, 51.3582,
38.9159

■ 36.1919, 52.8346,
43.4159

■ 39.9312, 54.6583,
48.2898

■ 44.4021, 56.8514,
53.5469

■ 49.6443, 59.4342,
59.1962

■ 55.6944, 62.4255,
65.2461

Harmonies

Analogous

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



33.6910, 48.3479, 11.2369



26.6959, 48.3479, 24.4481



24.5547, 48.3479, 54.5001

Triad

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



26.6959, 48.3479, 24.4481



46.5973, 48.3479, 167.6726



71.9038, 48.3479, 22.5901

Complementary

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



26.6959, 48.3479, 24.4481



29.2647, 14.8428, 12.3932

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.



77.1517, 48.3479, 50.8278



26.6959, 48.3479, 24.4481



60.8793, 48.3479, 145.1847

Square

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



26.6959, 48.3479, 24.4481



34.6019, 48.3479, 148.8256



72.7714, 48.3479, 96.9118



59.5496, 48.3479, 10.5938

Rectangle

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



26.6959, 48.3479, 24.4481



25.7501, 48.3479, 84.7738



72.7714, 48.3479, 96.9118



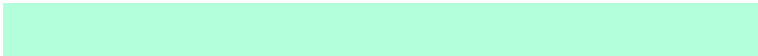
74.6553, 48.3479, 29.8696

Sweetspot

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



26.6971, 48.3498, 24.4492



67.2005, 86.2304, 81.0599



28.6839, 49.7383, 8.0891



13.7379, 18.1397, 16.6083



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.



26.6971, 48.3498, 24.4492



40.4583, 73.3993, 36.6609



33.7006, 48.3864, 69.8530



12.5438, 14.0085, 14.6782



16.5316, 29.8680, 15.3612



1.0386, 1.8181, 1.1451

Inverse Universe

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



29.2647, 14.8428, 12.3932



44.3622, 22.5089, 18.3713



27.2294, 14.1514, 1.2968



12.6547, 12.5134, 14.1221



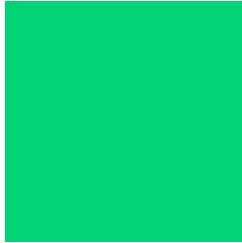
18.1146, 9.1822, 7.9078



1.1340, 0.5704, 0.6951

Previews

White Background



This preview shows how the XYZ color 26.6959, 48.3479, 24.4481 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 26.6959, 48.3479, 24.4481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

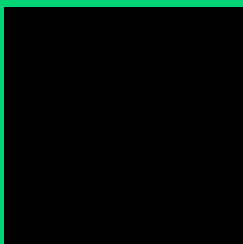
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

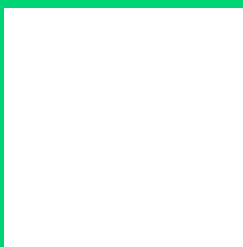
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6959, 48.3479, 24.4481

Background



This preview shows how black text looks on a background with the XYZ color 26.6959, 48.3479, 24.4481.



This preview shows how white text looks on a background with the XYZ color 26.6959, 48.3479,

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

26.6959, 48.3479, 24.4481

Protanopia

43.5707, 47.3044, 20.1988

Deuteranopia

48.2451, 47.2007, 25.9699



Tritanopia

36.6355, 48.4453, 73.0656

Trichromacy



Original Color

26.6959, 48.3479, 24.4481



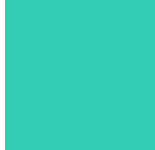
Protanomaly

30.9542, 44.2769, 21.3828



Deuteranomaly

32.1435, 42.8605, 24.9911



Tritanomaly

31.3849, 47.6360, 50.7205

Monochromacy



Original Color

26.6959, 48.3479, 24.4481



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 26.6959, 48.3479, 24.4481 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, 116)` looks like.

```
.text, #text, p{  
    color:rgb(0, 212, 116)  
}
```

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, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 212, 116) }
```

Border

The CSS property to change the border of an element to XYZ 26.6959, 48.3479, 24.4481 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, 116) }
```


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

```
.border{ border-color:rgb(0, 212, 116) }
```

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, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 212, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 212, 116);  
box-shadow:4px 4px 4px 4px rgb(0, 212,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6959, 48.3479, 24.4481 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, 116) }
```

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

```
.background{ background-color: rgb(0, 212,  
116) }
```

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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