

Converting Colors

XYZ(26.8486, 48.5839, 19.3654)

Have a look what the booklet for
XYZ(26.8486, 48.5839, 19.3654)
contains.

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Color

**XYZ(26.7833, 48.5079,
19.2606)**

Conversions

Conversions Part 1

Format	Color
Hex	2DD461
RGB	45, 212, 97
RGB Percent	18%, 83%, 38%
CMY	0.8235, 0.1686, 0.6196
CMYK	0.79, 0.00, 0.54, 0.17
HSL	139°, 66%, 50%
HSV	139°, 79%, 83%
XYZ	26.7833, 48.5079, 19.2606
YIQ	148.9570, -62.6170, -71.1690

Conversions

Conversions Part 2

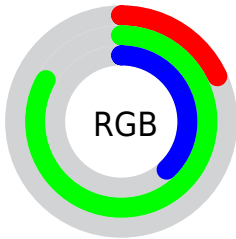
Format	Color
RYB	45, 172, 212
Decimal	3003489
CIELab	75.14, -65.06, 44.87
CIELCh	75, 79.035, 145.405
Yxy	48.5079, 0.2833, 0.5130
Android (android.graphics.Color)	4281193569 (0xFF2DD461)
YUV	148.9570, -25.6148, -91.1703
Hunter-Lab	69.6476, -53.2404, 32.3571

Details

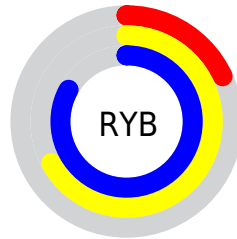
The XYZ color **26.7833, 48.5079, 19.2606** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **34.4362, 18.4126, 34.9976**, and the grayscale version is **28.6732, 30.1664, 32.8513**.

A 20% lighter version of the original color is **48.7362, 77.5736, 41.2587**, and **12.3621, 23.9664, 6.4571** is the 20% darker color. If you saturate the color by 10%, you get **25.4548, 47.8960, 15.9668**, and if you desaturate by 10%, it is **28.7073, 49.4151, 23.2384**.

Distribution



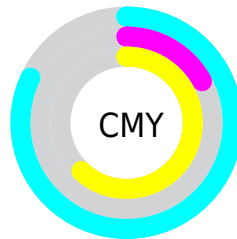
- Red (18%)
- Green (83%)
- Blue (38%)



- Red (18%)
- Yellow (67%)
- Blue (83%)



- Cyan (79%)
- Magenta (0%)
- Yellow (54%)
- Black (17%)



- Cyan (82%)
- Magenta (17%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7833, 48.5079, 19.2606 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 26.7833, 48.5079, 19.2606 by changing the saturation by 10% instead.

■ 26.7833, 48.5079,
19.2606

■ 26.7833, 48.5079,
19.2606

278.7931,
380.8018, 260.3542

■ 17.5463, 34.2293,
11.6800

■ 53.9583, 87.9601,
43.0165

■ 10.7224, 23.0698,
6.4063

■ 72.6270, 113.9025,
60.0290

■ 5.9464, 14.6450,
3.0209

■ 95.1702, 144.5017,
81.0224

■ 2.8529, 8.5707,
1.1053

■ 121.9535,
180.1419, 106.4155

■ 1.0764, 4.4622,
0.0000

■ 153.3420,
221.2076, 136.6266

■ 0.0053, 1.9353,
0.0000

189.7012,

■ 0.0000, 0.5695,

268.0833, 172.0744

0.0000

231.3965,
321.1532, 213.1774

■ 0.0000, 0.0000,
0.0000

■ 26.7833, 48.5079,
19.2606

■ 26.7833, 48.5079,
19.2606

■ 25.4548, 47.8960,
15.9668

■ 28.7073, 49.4151,
23.2384

■ 24.6144, 47.5206,
13.3128

■ 31.2914, 50.6460,
27.9332

■ 24.5282, 47.4824,
13.0287

■ 34.5952, 52.2320,
33.3798

■ 38.6701, 54.1991,
39.6096

■ 43.5630, 56.5707,
46.6524

■ 49.3169, 59.3683,
54.5361

■ 55.9715, 62.6121,
63.2874

■ 63.5641, 66.3207,
72.9319

■ 72.1300, 70.5116,
83.4940

Harmonies

Analogous

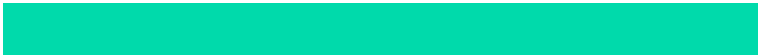
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.1683, 48.5079, 8.5824



26.7833, 48.5079, 19.2606



23.5589, 48.5079, 46.6860

Triad

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



26.7833, 48.5079, 19.2606



43.9117, 48.5079, 178.7307



76.0850, 48.5079, 25.4745

Complementary

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



26.7833, 48.5079, 19.2606



34.4362, 18.4126, 34.9976

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.



79.7758, 48.5079, 59.4623



26.7833, 48.5079, 19.2606



59.1029, 48.5079, 162.4589

Square

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



26.7833, 48.5079, 19.2606



32.0422, 48.5079, 149.3259



73.0140, 48.5079, 112.2147



63.7776, 48.5079, 10.6275

Rectangle

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



26.7833, 48.5079, 19.2606



24.1455, 48.5079, 76.9399



73.0140, 48.5079, 112.2147



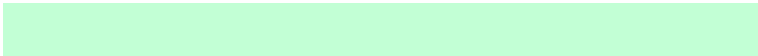
78.4711, 48.5079, 34.3501

Sweetspot

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



26.7845, 48.5099, 19.2617



69.9489, 87.7597, 76.1081



38.8987, 54.9495, 11.0389



14.3220, 18.4684, 15.3903



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.



26.7845, 48.5099, 19.2617



37.6913, 72.3113, 21.2432



32.7233, 50.8854, 50.5349



12.4201, 13.9590, 14.0267



15.1818, 29.3281, 8.2530



0.9526, 1.7837, 0.6919

Inverse Universe

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



34.4362, 18.4126, 34.9976



49.5750, 24.8192, 45.1270



29.4805, 16.4303, 8.9011



12.7808, 12.5638, 14.7857



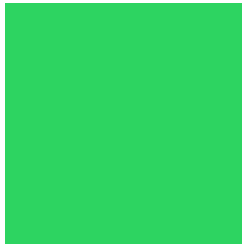
20.0112, 9.9408, 17.8948



1.2435, 0.6142, 1.2714

Previews

White Background



This preview shows how the XYZ color 26.7833, 48.5079, 19.2606 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 26.7833, 48.5079, 19.2606 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 26.7833, 48.5079, 19.2606

Background



This preview shows how black text looks on a background with the XYZ color 26.7833, 48.5079, 19.2606.



This preview shows how white text looks on a background with the XYZ color 26.7833, 48.5079,

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

26.7833, 48.5079, 19.2606

Protanopia

43.5305, 47.6821, 16.1418

Deuteranopia

48.4152, 47.4095, 20.5091



Tritanopia

37.2317, 48.0800, 72.2838

Trichromacy



Original Color

26.7833, 48.5079, 19.2606



Protanomaly

33.0342, 45.4499, 16.9292



Deuteranomaly

34.5320, 44.2148, 19.5462



Tritanomaly

32.0373, 47.6987, 47.0534

Monochromacy



Original Color

26.7833, 48.5079, 19.2606



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

25.3373, 34.4963, 26.4421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7833, 48.5079, 19.2606 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(45, 212, 97)` looks like.

```
.text, #text, p{  
    color:rgb(45, 212, 97)  
}
```

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(45, 212, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 212, 97) }
```

Border

The CSS property to change the border of an element to XYZ 26.7833, 48.5079, 19.2606 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(45, 212, 97) }
```


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

```
.border{ border-color:rgb(45, 212, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 212, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 212, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 212, 97);  
box-shadow:4px 4px 4px 4px rgb(45, 212,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7833, 48.5079, 19.2606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 212, 97) }
```

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

```
.background{ background-color: rgb(45, 212,  
97) }
```

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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