

Converting Colors

XYZ(26.2056, 48.0120, 22.2972)

Have a look what the booklet for
XYZ(26.2056, 48.0120, 22.2972)
contains.

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Color

**XYZ(26.3038, 48.1911,
22.3835)**

Conversions

Conversions Part 1

Format	Color
Hex	00D46D
RGB	0, 212, 109
RGB Percent	0%, 83%, 43%
CMY	1.0000, 0.1686, 0.5725
CMYK	1.00, 0.00, 0.49, 0.17
HSL	151°, 100%, 42%
HSV	151°, 100%, 83%
XYZ	26.3038, 48.1911, 22.3835
YIQ	136.8700, -93.2890, -76.9770

Conversions

Conversions Part 2

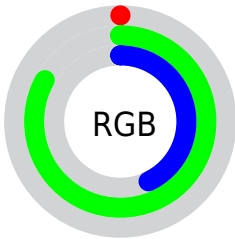
Format	Color
RYB	0, 140, 212
Decimal	54381
CIELab	74.95, -66.17, 38.76
CIELCh	75, 76.690, 149.637
Yxy	48.1911, 0.2715, 0.4974
Android (android.graphics.Color)	4278244461 (0xFF00D46D)
YUV	136.8700, -13.7399, -120.0350
Hunter-Lab	69.4198, -53.8494, 29.4766

Details

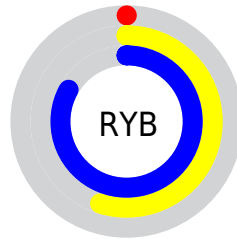
The XYZ color **26.3038, 48.1911, 22.3835** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **29.6013, 14.9773, 14.1657**, and the grayscale version is **23.8061, 25.0459, 27.2750**.

A 20% lighter version of the original color is **47.9905, 77.0717, 46.5294**, and **12.6779, 24.0927, 8.1198** is the 20% darker color. If you saturate the color by 10%, you get **26.3046, 48.1929, 22.3831**, and if you desaturate by 10%, it is **27.2062, 48.5897, 25.4933**.

Distribution



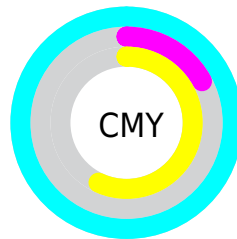
- Red (0%)
- Green (83%)
- Blue (43%)



- Red (0%)
- Yellow (55%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (17%)





- Cyan (100%)
- Magenta (17%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3038, 48.1911, 22.3835 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 26.3038, 48.1911, 22.3835 by changing the saturation by 10% instead.


 26.3038, 48.1911,
22.3835


 26.3038, 48.1911,
22.3835


276.4997,
379.5491, 277.5611


 17.1849, 33.9782,
13.9380


 53.1925, 87.4889,
48.2893


 10.4625, 22.8769,
7.9393


 71.6930, 113.3426,
66.5867


 5.7713, 14.5026,
3.9689


 94.0514, 143.8453,
89.0050

 2.7459, 8.4711,
1.6083

 120.6331,
179.3816, 115.9630

 1.0208, 4.3978,
0.2967

 151.8034,
220.3357, 147.8790

 0.0000, 1.8985,
0.0000

187.9277,

 0.0000, 0.5475,

267.0920, 185.1717

0.0000

229.3713,
320.0350, 228.2595

■ 0.0000, 0.0000,
0.0000

■ 26.3038, 48.1911,
22.3835

■ 26.3038, 48.1911,
22.3835

■ 26.3046, 48.1929,
22.3831

■ 27.2062, 48.5897,
25.4933

■ 28.5189, 49.1908,
28.9717

■ 30.3602, 50.0564,
32.8358

■ 32.7952, 51.2199,
37.0989

■ 35.8793, 52.7095,
41.7731

■ 39.6608, 54.5501,
46.8703

■ 44.1835, 56.7639,
52.4015

■ 49.4874, 59.3714,
58.3773

■ 55.6096, 62.3915,
64.8080

Harmonies

Analogous

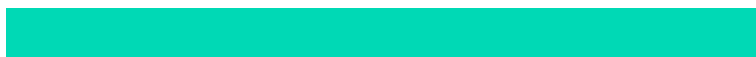
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.7551, 48.1911, 9.9700



26.3038, 48.1911, 22.3835



23.8381, 48.1911, 51.9858

Triad

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



26.3038, 48.1911, 22.3835



45.6341, 48.1911, 173.2525



73.3683, 48.1911, 22.8655

Complementary

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



26.3038, 48.1911, 22.3835



29.6013, 14.9773, 14.1657

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.



78.2883, 48.1911, 52.9611



26.3038, 48.1911, 22.3835



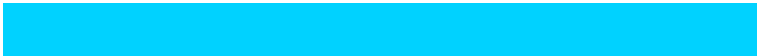
60.4254, 48.1911, 151.8678

Square

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



26.3038, 48.1911, 22.3835



33.5151, 48.1911, 150.8796



73.1355, 48.1911, 101.8024



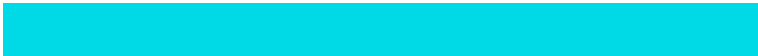
60.7808, 48.1911, 10.1321

Rectangle

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



26.3038, 48.1911, 22.3835



24.8637, 48.1911, 82.8310



73.1355, 48.1911, 101.8024



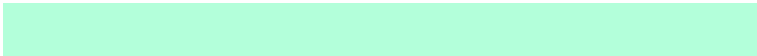
76.0752, 48.1911, 30.6181

Sweetspot

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



26.3050, 48.1930, 22.3846



66.8678, 86.0973, 79.3080



29.4892, 50.1534, 8.1266



13.6591, 18.1082, 16.1935



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

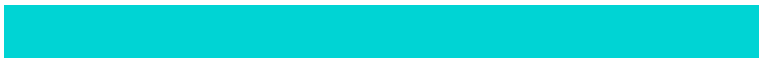
The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.3050, 48.1930, 22.3846



39.8638, 73.1615, 33.5301



35.4287, 51.8425, 70.4291



12.5263, 14.0015, 14.5858



16.2894, 29.7711, 14.0855



1.0243, 1.8124, 1.0695

Inverse Universe

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



29.6013, 14.9773, 14.1657



44.8715, 22.7126, 21.0534



27.1526, 13.9978, 1.2711



12.6721, 12.5204, 14.2137



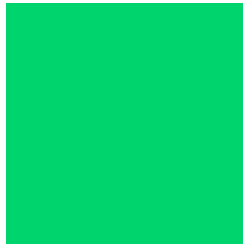
18.3237, 9.2658, 9.0085



1.1469, 0.5756, 0.7631

Previews

White Background



This preview shows how the XYZ color 26.3038, 48.1911, 22.3835 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 26.3038, 48.1911, 22.3835 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 26.3038, 48.1911, 22.3835

Background



This preview shows how black text looks on a background with the XYZ color 26.3038, 48.1911, 22.3835.



This preview shows how white text looks on a background with the XYZ color 26.3038, 48.1911,

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

26.3038, 48.1911, 22.3835

Protanopia

43.2730, 47.1853, 18.6313

Deuteranopia

48.1152, 47.1836, 23.7109



Tritanopia

36.4423, 48.0158, 72.3130

Trichromacy



Original Color

26.3038, 48.1911, 22.3835



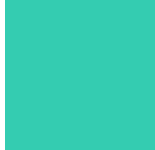
Protanomaly

30.6421, 44.1520, 19.7392



Deuteranomaly

31.8929, 42.7797, 22.7960



Tritanomaly

30.9449, 47.0901, 49.0533

Monochromacy



Original Color

26.3038, 48.1911, 22.3835



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

21.0367, 30.1095, 24.7816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3038, 48.1911, 22.3835 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, 109)` looks like.

```
.text, #text, p{  
    color:rgb(0, 212, 109)  
}
```

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, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 212, 109) }
```

Border

The CSS property to change the border of an element to XYZ 26.3038, 48.1911, 22.3835 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, 109) }
```


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

```
.border{ border-color:rgb(0, 212, 109) }
```

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, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 212, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 212, 109);  
box-shadow:4px 4px 4px 4px rgb(0, 212,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3038, 48.1911, 22.3835 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, 109) }
```

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

```
.background{ background-color: rgb(0, 212,  
109) }
```

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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