

Converting Colors

XYZ(26.2169, 49.0911, 19.0441)

Have a look what the booklet for
XYZ(26.2169, 49.0911, 19.0441)
contains.

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Color

**XYZ(26.1579, 48.9377,
19.1336)**

Conversions

Conversions Part 1

Format	Color
Hex	00D660
RGB	0, 214, 96
RGB Percent	0%, 84%, 38%
CMY	1.0000, 0.1608, 0.6235
CMYK	1.00, 0.00, 0.55, 0.16
HSL	147°, 100%, 42%
HSV	147°, 100%, 84%
XYZ	26.1579, 48.9377, 19.1336
YIQ	136.5620, -89.6660, -82.0660

Conversions

Conversions Part 2

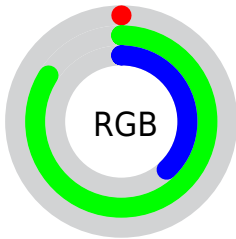
Format	Color
RYB	0, 148, 214
Decimal	54880
CIELab	75.41, -68.79, 45.58
CIELCh	75, 82.522, 146.469
Yxy	48.9377, 0.2776, 0.5193
Android (android.graphics.Color)	4278244960 (0xFF00D660)
YUV	136.5620, -19.9971, -119.7649
Hunter-Lab	69.9555, -55.6770, 32.7524

Details

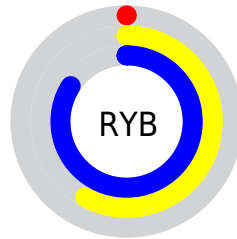
The XYZ color **26.1579, 48.9377, 19.1336** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **31.0033, 15.6051, 18.5202**, and the grayscale version is **23.7115, 24.9463, 27.1665**.

A 20% lighter version of the original color is **47.0105, 76.6932, 40.7593**, and **12.6815, 24.6356, 6.4696** is the 20% darker color. If you saturate the color by 10%, you get **26.1588, 48.9396, 19.1336**, and if you desaturate by 10%, it is **27.0619, 49.3375, 22.2295**.

Distribution



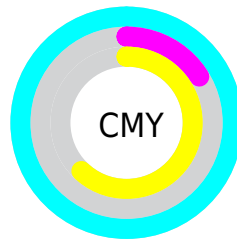
- Red (0%)
- Green (84%)
- Blue (38%)



- Red (0%)
- Yellow (58%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (16%)





- Cyan (100%)
- Magenta (16%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1579, 48.9377, 19.1336 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 26.1579, 48.9377, 19.1336 by changing the saturation by 10% instead.


 26.1579, 48.9377,
19.1336


 26.1579, 48.9377,
19.1336


275.7988,
382.4970, 259.6326


 17.0751, 34.5701,
11.5891


 52.9591, 88.5989,
42.7994


 10.3837, 23.3319,
6.3454


 71.4081, 114.6613,
59.7578


 5.7183, 14.8388,
2.9841


 93.7100, 145.3907,
80.6912

 2.7136, 8.7063,
1.0865

 120.2300,
181.1715, 106.0182

 1.0042, 4.5501,
0.0000

 151.3336,
222.3882, 136.1573

 0.0000, 1.9858,
0.0000

187.3860,

 0.0000, 0.5992,

269.4250, 171.5270

0.0000

228.7526,
322.6665, 212.5459

■ 0.0000, 0.0000,
0.0000

■ 26.1579, 48.9377,
19.1336

■ 26.1579, 48.9377,
19.1336

■ 26.1588, 48.9396,
19.1336

■ 27.0619, 49.3375,
22.2295

■ 28.4020, 49.9510,
25.7882

■ 30.2997, 50.8418,
29.8333

■ 32.8229, 52.0444,
34.3838

■ 36.0290, 53.5882,
39.4575

■ 39.9686, 55.4990,
45.0712

■ 44.6874, 57.7999,
51.2408

■ 50.2270, 60.5122,
57.9817

■ 56.6262, 63.6556,
65.3084

Harmonies

Analogous

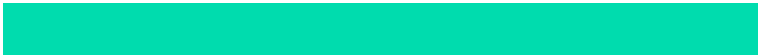
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.6661, 48.9377, 7.9911



26.1579, 48.9377, 19.1336



23.0170, 48.9377, 48.2941

Triad

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



26.1579, 48.9377, 19.1336



44.7369, 48.9377, 188.0864



77.8867, 48.9377, 24.0084

Complementary

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



26.1579, 48.9377, 19.1336



31.0033, 15.6051, 18.5202

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.



82.2057, 48.9377, 58.6081



26.1579, 48.9377, 19.1336



60.7934, 48.9377, 168.8139

Square

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



26.1579, 48.9377, 19.1336



32.1658, 48.9377, 157.9360



75.3759, 48.9377, 114.1804



64.5972, 48.9377, 9.5364

Rectangle

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



26.1579, 48.9377, 19.1336



23.7398, 48.9377, 80.7089



75.3759, 48.9377, 114.1804



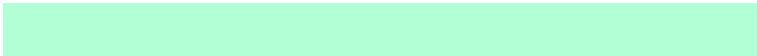
80.5455, 48.9377, 32.9048

Sweetspot

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



26.1591, 48.9397, 19.1347



66.2220, 85.8390, 75.9072



31.9709, 52.1797, 8.3869



13.5068, 18.0473, 15.3914



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.



26.1591, 48.9397, 19.1347



38.8195, 72.7438, 28.0309



34.4423, 52.2530, 62.7533



12.4916, 13.9877, 14.4034



15.8615, 29.5999, 11.8322



0.9980, 1.8019, 0.9315

Inverse Universe

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



31.0033, 15.6051, 18.5202



46.0188, 23.1715, 27.0948



27.8139, 14.3293, 1.7252



12.7069, 12.5343, 14.3970



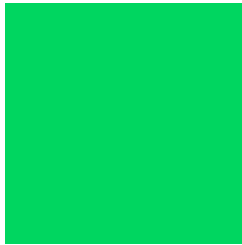
18.7917, 9.4530, 11.4732



1.1749, 0.5867, 0.9102

Previews

White Background



This preview shows how the XYZ color 26.1579, 48.9377, 19.1336 looks on a white background.

Color Contrast Check

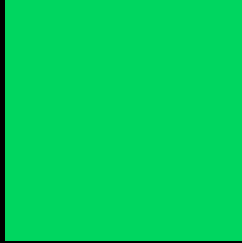
Large Text (above 18pt) WCAG AA × Fail

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 26.1579, 48.9377, 19.1336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

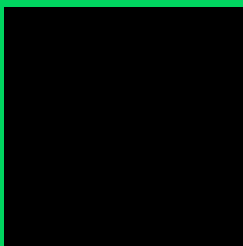
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

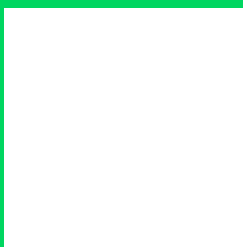
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1579, 48.9377, 19.1336

Background



This preview shows how black text looks on a background with the XYZ color 26.1579, 48.9377, 19.1336.



This preview shows how white text looks on a background with the XYZ color 26.1579, 48.9377,

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

26.1579, 48.9377, 19.1336

Protanopia

43.7220, 47.7902, 15.7241

Deuteranopia

48.8673, 47.9386, 20.3132



Tritanopia

37.0672, 48.6679, 73.0858

Trichromacy



Original Color

26.1579, 48.9377, 19.1336



Protanomaly

30.5665, 44.5142, 16.6539



Deuteranomaly

32.1394, 43.6259, 19.2971



Tritanomaly

31.0823, 47.9166, 47.1458

Monochromacy



Original Color

26.1579, 48.9377, 19.1336



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

20.8985, 30.3416, 23.1674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1579, 48.9377, 19.1336 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, 214, 96)` looks like.

```
.text, #text, p{  
    color:rgb(0, 214, 96)  
}
```

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, 214, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 214, 96) }
```

Border

The CSS property to change the border of an element to XYZ 26.1579, 48.9377, 19.1336 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, 214, 96) }
```


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

```
.border{ border-color:rgb(0, 214, 96) }
```

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

Here you see how a box with a 4 pixel rgb(0, 214, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 214, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 214, 96);  
box-shadow:4px 4px 4px 4px rgb(0, 214, 96)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.1579, 48.9377, 19.1336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 214, 96) }
```

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

```
.background{ background-color: rgb(0, 214,  
96) }
```

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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