

Converting Colors

XYZ(24.1754, 47.5460, 19.2212)

Have a look what the booklet for
XYZ(24.1754, 47.5460, 19.2212)
contains.

XYZ(25.9519, 48.4516, 19.2935)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.9519, 48.4516,
19.2935)**

Conversions

Conversions Part 1

Format	Color
Hex	00D561
RGB	0, 213, 97
RGB Percent	0%, 84%, 38%
CMY	1.0000, 0.1647, 0.6196
CMYK	1.00, 0.00, 0.54, 0.16
HSL	147°, 100%, 42%
HSV	147°, 100%, 84%
XYZ	25.9519, 48.4516, 19.2935
YIQ	136.0890, -89.7120, -81.2320

Conversions

Conversions Part 2

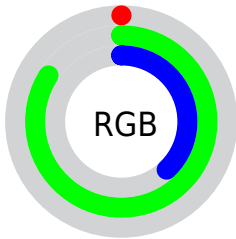
Format	Color
RYB	0, 146, 213
Decimal	54625
CIELab	75.11, -68.34, 44.75
CIELCh	75, 81.684, 146.781
Yxy	48.4516, 0.2770, 0.5171
Android (android.graphics.Color)	4278244705 (0xFF00D561)
YUV	136.0890, -19.2709, -119.3501
Hunter-Lab	69.6072, -55.2618, 32.2912

Details

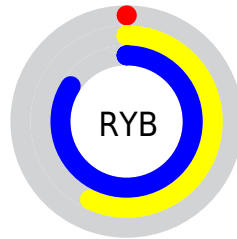
The XYZ color **25.9519, 48.4516, 19.2935** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **30.5945, 15.4080, 17.8866**, and the grayscale version is **23.5306, 24.7560, 26.9593**.

A 20% lighter version of the original color is **47.0907, 76.7253, 41.1817**, and **12.5306, 24.3034, 6.5132** is the 20% darker color. If you saturate the color by 10%, you get **25.9529, 48.4535, 19.2938**, and if you desaturate by 10%, it is **26.8500, 48.8488, 22.3699**.

Distribution



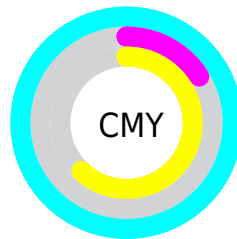
- Red (0%)
- Green (84%)
- Blue (38%)



- Red (0%)
- Yellow (57%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (16%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9519, 48.4516, 19.2935 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 25.9519, 48.4516, 19.2935 by changing the saturation by 10% instead.


 25.9519, 48.4516,
19.2935


 25.9519, 48.4516,
19.2935


274.8069,
380.5794, 260.5408


 16.9202, 34.1847,
11.7036

 52.6292, 87.8764,
43.0727


 10.2725, 23.0355,
6.4221


 71.0054, 113.8031,
60.0992


 5.6437, 14.6197,
3.0305


 93.2273, 144.3851,
81.1082

 2.6682, 8.5529,
1.1102

 119.6600,
180.0069, 106.5183

 0.9808, 4.4507,
0.0000

 150.6689,
221.0528, 136.7481

 0.0000, 1.9288,
0.0000

186.6195,

 0.0000, 0.5656,

267.9072, 172.2160

0.0000

227.8770,
320.9546, 213.3408

■ 0.0000, 0.0000,
0.0000

■ 25.9519, 48.4516,
19.2935

■ 25.9519, 48.4516,
19.2935

■ 25.9529, 48.4535,
19.2938

■ 26.8500, 48.8488,
22.3699

■ 28.1776, 49.4566,
25.8952

■ 30.0550, 50.3379,
29.8918

■ 32.5491, 51.5269,
34.3778

■ 35.7165, 53.0525,
39.3703

■ 39.6071, 54.9402,
44.8853

■ 44.2661, 57.2128,
50.9381

■ 49.7345, 59.8914,
57.5432

■ 56.0505, 62.9952,
64.7147

Harmonies

Analogous

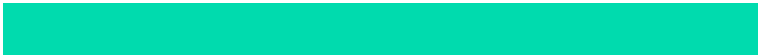
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.2791, 48.4516, 8.1137



25.9519, 48.4516, 19.2935



22.9065, 48.4516, 48.2683

Triad

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



25.9519, 48.4516, 19.2935



44.4571, 48.4516, 184.9690



76.7644, 48.4516, 23.6828

Complementary

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



25.9519, 48.4516, 19.2935



30.5945, 15.4080, 17.8866

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.



81.1138, 48.4516, 57.5126



25.9519, 48.4516, 19.2935



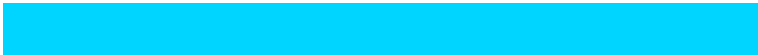
60.2515, 48.4516, 165.6117

Square

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



25.9519, 48.4516, 19.2935



32.0347, 48.4516, 155.9011



74.5183, 48.4516, 111.9058



63.6567, 48.4516, 9.5137

Rectangle

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



25.9519, 48.4516, 19.2935



23.6543, 48.4516, 80.2629



74.5183, 48.4516, 111.9058



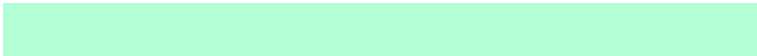
79.4072, 48.4516, 32.3830

Sweetspot

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



25.9531, 48.4536, 19.2946



66.2882, 85.8655, 76.2554



31.1522, 51.3831, 8.2762



13.5224, 18.0535, 15.4734



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

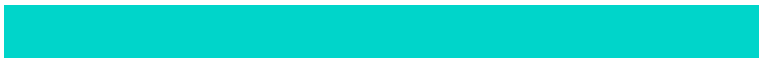
The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.9531, 48.4536, 19.2946



38.9196, 72.7838, 28.5583



34.4979, 51.8715, 64.2910



12.4952, 13.9891, 14.4223



15.9027, 29.6164, 12.0492



1.0006, 1.8029, 0.9451

Inverse Universe

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



30.5945, 15.4080, 17.8866



45.8911, 23.1204, 26.4225



27.5002, 14.1702, 1.5920



12.7033, 12.5328, 14.3779



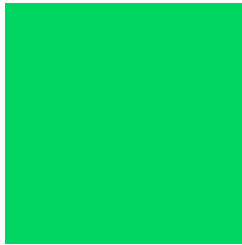
18.7398, 9.4322, 11.1997



1.1718, 0.5855, 0.8942

Previews

White Background



This preview shows how the XYZ color 25.9519, 48.4516, 19.2935 looks on a white background.

Color Contrast Check

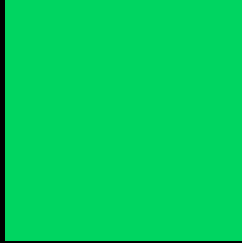
Large Text (above 18pt) WCAG AA × Fail

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 25.9519, 48.4516, 19.2935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

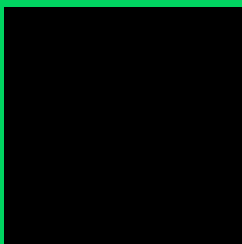
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.9519, 48.4516, 19.2935

Background



This preview shows how black text looks on a background with the XYZ color 25.9519, 48.4516, 19.2935.



This preview shows how white text looks on a background with the XYZ color 25.9519, 48.4516,

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

25.9519, 48.4516, 19.2935

Protanopia

43.4894, 47.6656, 15.9251

Deuteranopia

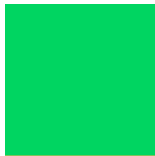
48.4152, 47.4095, 20.5091



Tritanopia

36.7459, 48.1573, 73.0042

Trichromacy



Original Color

25.9519, 48.4516, 19.2935



Protanomaly

30.4567, 44.4527, 16.8725



Deuteranomaly

31.8011, 43.1252, 19.4799



Tritanomaly

30.8423, 47.4367, 47.0658

Monochromacy



Original Color

25.9519, 48.4516, 19.2935



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

20.7188, 29.9823, 23.1075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9519, 48.4516, 19.2935 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, 213, 97)` looks like.

```
.text, #text, p{  
    color:rgb(0, 213, 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(0, 213, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 213, 97) }
```

Border

The CSS property to change the border of an element to XYZ 25.9519, 48.4516, 19.2935 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, 213, 97) }
```


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

```
.border{ border-color:rgb(0, 213, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 213, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 213, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 213, 97);  
box-shadow:4px 4px 4px 4px rgb(0, 213, 97)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.9519, 48.4516, 19.2935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 213, 97) }
```

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

```
.background{ background-color: rgb(0, 213,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor