

Converting Colors

XYZ(25.9779, 46.8748, 24.2016)

Have a look what the booklet for
XYZ(25.9779, 46.8748, 24.2016)
contains.

XYZ(25.9779, 46.8748, 24.2016)	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(25.9779, 46.8748,
24.2016)**

Conversions

Conversions Part 1

Format	Color
Hex	02D174
RGB	2, 209, 116
RGB Percent	1%, 82%, 45%
CMY	0.9921, 0.1804, 0.5451
CMYK	0.99, 0.00, 0.44, 0.18
HSL	153°, 98%, 41%
HSV	153°, 99%, 82%
XYZ	25.9779, 46.8748, 24.2016
YIQ	136.5050, -93.5190, -72.8070

Conversions

Conversions Part 2

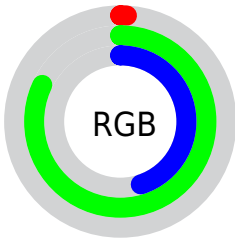
Format	Color
RYB	2, 135, 209
Decimal	184692
CIELab	74.11, -63.92, 34.21
CIELCh	74, 72.500, 151.844
Yxy	46.8748, 0.2677, 0.4830
Android (android.graphics.Color)	4278374772 (0xFF02D174)
YUV	136.5050, -10.1090, -117.9609
Hunter-Lab	68.4652, -52.0854, 26.9673

Details

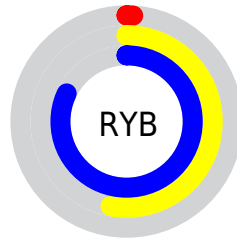
The XYZ color **25.9779, 46.8748, 24.2016** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **28.3836, 14.4260, 12.1185**, and the grayscale version is **23.6555, 24.8874, 27.1024**.

A 20% lighter version of the original color is **48.5150, 77.2681, 49.8934**, and **12.3746, 23.1758, 8.9754** is the 20% darker color. If you saturate the color by 10%, you get **25.9015, 46.8427, 23.9256**, and if you desaturate by 10%, it is **26.8796, 47.2746, 27.2422**.

Distribution



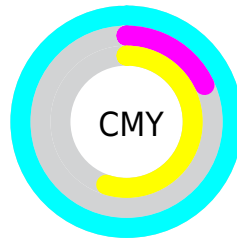
- Red (1%)
- Green (82%)
- Blue (45%)



- Red (1%)
- Yellow (53%)
- Blue (82%)



- Cyan (99%)
- Magenta (0%)
- Yellow (44%)
- Black (18%)



- Cyan (99%)
- Magenta (18%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9779, 46.8748, 24.2016 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 25.9779, 46.8748, 24.2016 by changing the saturation by 10% instead.

■ 25.9779, 46.8748,
24.2016

■ 25.9779, 46.8748,
24.2016

274.9323,
374.3146, 287.1574

■ 16.9397, 32.9367,
15.2697

■ 52.6708, 85.5267,
51.3069

■ 10.2865, 22.0780,
8.8601

■ 71.0563, 111.0093,
70.3174

■ 5.6531, 13.9142,
4.5545

■ 93.2882, 141.1088,
93.5245

■ 2.6739, 8.0610,
1.9342

■ 119.7320,
176.2097, 121.3466

■ 0.9838, 4.1340,
0.5144

■ 150.7529,
216.6963, 154.2025

■ 0.0000, 1.7488,
0.0000

186.7163,

■ 0.0000, 0.4550,

262.9531, 192.5105

0.0000

227.9877,
315.3644, 236.6893

■ 0.0000, 0.0000,
0.0000

■ 25.9779, 46.8748,
24.2016

■ 25.9779, 46.8748,
24.2016

■ 25.9015, 46.8427,
23.9256

■ 26.8796, 47.2746,
27.2422

■ 28.1901, 47.8772,
30.5974

■ 30.0099, 48.7357,
34.2807

■ 32.4003, 49.8815,
38.3026

■ 35.4135, 51.3413,
42.6728

■ 39.0955, 53.1386,
47.4004

■ 43.4877, 55.2946,
52.4943

■ 48.6280, 57.8289,
57.9628

■ 54.5517, 60.7593,
63.8139

Harmonies

Analogous

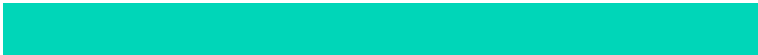
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.6437, 46.8748, 11.2230



25.9779, 46.8748, 24.2016



23.9799, 46.8748, 53.3723

Triad

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



25.9779, 46.8748, 24.2016



45.3606, 46.8748, 160.9412



69.2853, 46.8748, 21.8602

Complementary

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



25.9779, 46.8748, 24.2016



28.3836, 14.4260, 12.1185

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.



74.4307, 46.8748, 48.7741



25.9779, 46.8748, 24.2016



59.0552, 46.8748, 138.9777

Square

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



25.9779, 46.8748, 24.2016



33.7867, 46.8748, 143.5089



70.3684, 46.8748, 92.7248



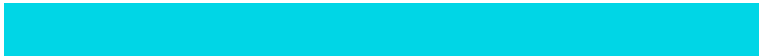
57.3934, 46.8748, 10.4062

Rectangle

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



25.9779, 46.8748, 24.2016



25.1759, 46.8748, 82.5076



70.3684, 46.8748, 92.7248



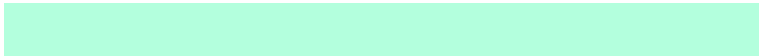
71.9548, 46.8748, 28.8019

Sweetspot

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



25.9791, 46.8767, 24.2027



67.2367, 86.2449, 81.2505



27.5482, 48.0485, 7.8802



13.7465, 18.1431, 16.6535



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.



25.9791, 46.8767, 24.2027



40.5253, 73.4261, 37.0135



31.8782, 45.3045, 67.3884



11.9248, 13.3137, 13.9605



16.0198, 28.9009, 15.0164



0.9354, 1.6318, 1.0486

Inverse Universe

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



28.3836, 14.4260, 12.1185



44.3099, 22.4880, 18.0960



26.4425, 13.8321, 1.3340



12.0264, 11.8953, 13.4146



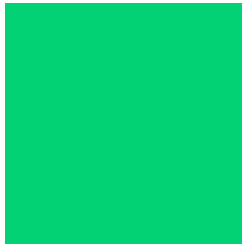
17.5036, 8.8743, 7.5583



1.0184, 0.5121, 0.6318

Previews

White Background



This preview shows how the XYZ color 25.9779, 46.8748, 24.2016 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 25.9779, 46.8748, 24.2016 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 25.9779, 46.8748, 24.2016

Background



This preview shows how black text looks on a background with the XYZ color 25.9779, 46.8748, 24.2016.



This preview shows how white text looks on a background with the XYZ color 25.9779, 46.8748,

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

25.9779, 46.8748, 24.2016

Protanopia

42.3624, 46.0734, 20.0249

Deuteranopia

46.9641, 45.9667, 25.7992



Tritanopia

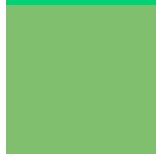
35.4736, 46.8629, 70.7941

Trichromacy



Original Color

25.9779, 46.8748, 24.2016



Protanomaly

30.1435, 42.8778, 21.1555



Deuteranomaly

31.5530, 41.9262, 24.8419



Tritanomaly

30.4718, 46.1335, 49.4181

Monochromacy



Original Color

25.9779, 46.8748, 24.2016



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

21.0841, 29.8541, 25.4200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9779, 46.8748, 24.2016 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(2, 209, 116)` looks like.

```
.text, #text, p{  
    color:rgb(2, 209, 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(2, 209, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 209, 116) }
```

Border

The CSS property to change the border of an element to XYZ 25.9779, 46.8748, 24.2016 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(2, 209, 116) }
```


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

```
.border{ border-color:rgb(2, 209, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 209, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 209, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 209, 116);  
box-shadow:4px 4px 4px 4px rgb(2, 209,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9779, 46.8748, 24.2016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 209, 116) }
```

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

```
.background{ background-color: rgb(2, 209,  
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](#).

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