

Converting Colors

XYZ(14.3677, 40.5562, 25.9679)

Have a look what the booklet for
XYZ(14.3677, 40.5562, 25.9679)
contains.

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Color

**XYZ(26.1310, 46.5418,
26.3451)**

Conversions

Conversions Part 1

Format	Color
Hex	00D07B
RGB	0, 208, 123
RGB Percent	0%, 82%, 48%
CMY	0.9999, 0.1843, 0.5176
CMYK	1.00, 0.00, 0.41, 0.18
HSL	155°, 100%, 41%
HSV	155°, 100%, 82%
XYZ	26.1310, 46.5418, 26.3451
YIQ	136.1180, -96.6830, -70.5310

Conversions

Conversions Part 2

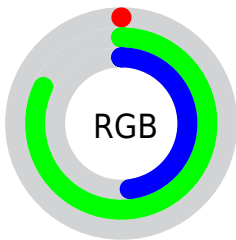
Format	Color
RYB	0, 131, 208
Decimal	53371
CIELab	73.90, -62.36, 30.37
CIELCh	74, 69.363, 154.037
Yxy	46.5418, 0.2639, 0.4700
Android (android.graphics.Color)	4278243451 (0xFF00D07B)
YUV	136.1180, -6.4672, -119.3755
Hunter-Lab	68.2216, -51.0166, 24.8591

Details

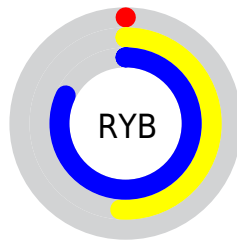
The XYZ color **26.1310, 46.5418, 26.3451** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **27.6538, 14.0668, 9.8549**, and the grayscale version is **23.4975, 24.7212, 26.9214**.

A 20% lighter version of the original color is **49.1900, 77.5382, 53.4481**, and **12.4308, 22.9375, 10.0755** is the 20% darker color. If you saturate the color by 10%, you get **26.1317, 46.5434, 26.3444**, and if you desaturate by 10%, it is **26.9930, 46.9232, 29.2863**.

Distribution



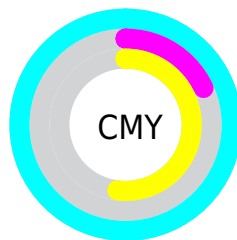
- Red (0%)
- Green (82%)
- Blue (48%)



- Red (0%)
- Yellow (51%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1310, 46.5418, 26.3451 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 26.1310, 46.5418, 26.3451 by changing the saturation by 10% instead.

■ 26.1310, 46.5418,
26.3451

■ 26.1310, 46.5418,
26.3451

275.6695,
372.9826, 298.1313

■ 17.0549, 32.6736,
16.8539

■ 52.9160, 85.0293,
54.8221

■ 10.3692, 21.8765,
9.9695

■ 71.3556, 110.4173,
74.6449

■ 5.7085, 13.7662,
5.2734

■ 93.6470, 140.4141,
98.7487

■ 2.7076, 7.9582,
2.3470

■ 120.1557,
175.4040, 127.5521

■ 1.0011, 4.0682,
0.7574

■ 151.2469,
215.7714, 161.4734

■ 0.0000, 1.7118,
0.0000

187.2860,

■ 0.0000, 0.4313,

261.9007, 200.9314

0.0000

228.6384,
314.1763, 246.3445

■ 0.0000, 0.0000,
0.0000

■ 26.1310, 46.5418,
26.3451

■ 26.1310, 46.5418,
26.3451

■ 26.1317, 46.5434,
26.3444

■ 26.9930, 46.9232,
29.2863

■ 28.2297, 47.4912,
32.4912

■ 29.9547, 48.3052,
35.9718

■ 32.2292, 49.3967,
39.7364

■ 35.1050, 50.7925,
43.7928

■ 38.6278, 52.5158,
48.1482

■ 42.8385, 54.5877,
52.8098

■ 47.7747, 57.0274,
57.7840

■ 53.4711, 59.8527,
63.0772

Harmonies

Analogous

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



32.2273, 46.5418, 12.6201



26.1310, 46.5418, 26.3451



24.5189, 46.5418, 55.6185

Triad

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



26.1310, 46.5418, 26.3451



45.9302, 46.5418, 153.3485



66.9875, 46.5418, 21.3370

Complementary

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



26.1310, 46.5418, 26.3451



27.6538, 14.0668, 9.8549

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.



72.4173, 46.5418, 46.0356



26.1310, 46.5418, 26.3451



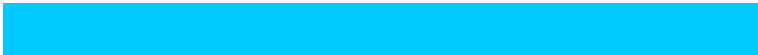
58.9105, 46.5418, 130.5492

Square

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



26.1310, 46.5418, 26.3451



34.6301, 46.5418, 139.7589



69.2172, 46.5418, 86.6783



55.4732, 46.5418, 10.8175

Rectangle

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



26.1310, 46.5418, 26.3451



25.8941, 46.5418, 83.7478



69.2172, 46.5418, 86.6783



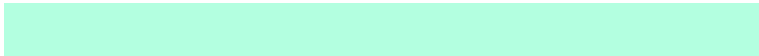
69.6730, 46.5418, 27.7079

Sweetspot

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



26.1322, 46.5437, 26.3462



67.6538, 86.4117, 83.4469



26.4571, 47.1242, 7.7018



13.8455, 18.1827, 17.1751



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.



26.1322, 46.5437, 26.3462



41.3286, 73.7475, 41.2440



29.9449, 41.6726, 66.1421



11.9454, 13.3219, 14.0689



16.3351, 29.0270, 16.6768



0.9522, 1.6386, 1.1371

Inverse Universe

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



27.6538, 14.0668, 9.8549



43.7495, 22.2638, 15.1450



26.2193, 13.8221, 1.2864



12.0061, 11.8872, 13.3082



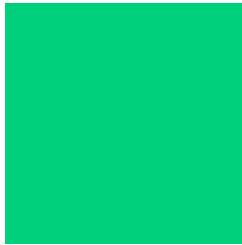
17.2798, 8.7847, 6.3795



1.0051, 0.5068, 0.5619

Previews

White Background



This preview shows how the XYZ color 26.1310, 46.5418, 26.3451 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 26.1310, 46.5418, 26.3451 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 26.1310, 46.5418, 26.3451

Background



This preview shows how black text looks on a background with the XYZ color 26.1310, 46.5418, 26.3451.

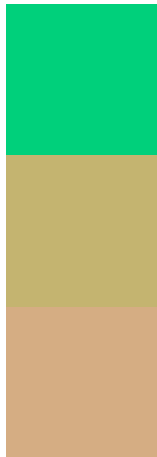


This preview shows how white text looks on a background with the XYZ color 26.1310, 46.5418,

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

26.1310, 46.5418, 26.3451

Protanopia

42.0108, 45.5481, 21.9067

Deuteranopia

46.4809, 45.6720, 27.8385



Tritanopia

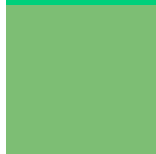
34.9570, 46.2731, 70.0400

Trichromacy



Original Color

26.1310, 46.5418, 26.3451



Protanomaly

30.0233, 42.4478, 23.1339



Deuteranomaly

31.6085, 41.9106, 26.8457



Tritanomaly

30.3438, 45.6970, 50.4011

Monochromacy



Original Color

26.1310, 46.5418, 26.3451



Achromatopsia

23.4014, 24.6201, 26.8113



Achromatomaly

20.9475, 29.5056, 26.0638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1310, 46.5418, 26.3451 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, 208, 123)` looks like.

```
.text, #text, p{  
    color:rgb(0, 208, 123)  
}
```

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, 208, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 208, 123) }
```

Border

The CSS property to change the border of an element to XYZ 26.1310, 46.5418, 26.3451 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, 208, 123) }
```


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

```
.border{ border-color:rgb(0, 208, 123) }
```

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

Here you see how a box with a 4 pixel rgb(0, 208, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 208, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 208, 123);  
box-shadow:4px 4px 4px 4px rgb(0, 208,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1310, 46.5418, 26.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 208, 123) }
```

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

```
.background{ background-color: rgb(0, 208,  
123) }
```

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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