

Converting Colors

XYZ(27.0447, 46.3606, 30.4926)

Have a look what the booklet for
XYZ(27.0447, 46.3606, 30.4926)
contains.

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Color

**XYZ(26.9234, 46.1388,
30.4083)**

Conversions

Conversions Part 1

Format	Color
Hex	1CCE87
RGB	28, 206, 135
RGB Percent	11%, 81%, 53%
CMY	0.8902, 0.1921, 0.4706
CMYK	0.86, 0.00, 0.34, 0.19
HSL	156°, 76%, 46%
HSV	156°, 86%, 81%
XYZ	26.9234, 46.1388, 30.4083
YIQ	144.6840, -83.2970, -59.8170

Conversions

Conversions Part 2

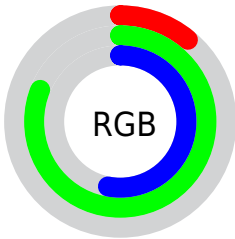
Format	Color
R _Y B	28, 139, 206
Decimal	1887879
CIE Lab	73.64, -57.99, 23.81
CIE LCh	74, 62.687, 157.673
Yxy	46.1388, 0.2602, 0.4459
Android (android.graphics.Color)	4280077959 (0xFF1CCE87)
YUV	144.6840, -4.7742, -102.3319
Hunter-Lab	67.9255, -48.1183, 21.0055

Details

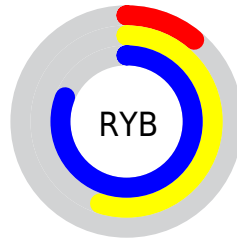
The XYZ color **26.9234, 46.1388, 30.4083** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **28.1227, 14.8543, 13.1920**, and the grayscale version is **26.8301, 28.2274, 30.7396**.

A 20% lighter version of the original color is **51.2520, 78.4453, 60.5843**, and **12.5460, 22.4686, 12.2700** is the 20% darker color. If you saturate the color by 10%, you get **25.9816, 45.7188, 27.4604**, and if you desaturate by 10%, it is **28.2946, 46.7774, 33.6115**.

Distribution



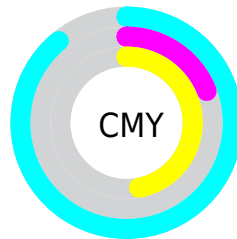
- Red (11%)
- Green (81%)
- Blue (53%)



- Red (11%)
- Yellow (55%)
- Blue (81%)



- Cyan (86%)
- Magenta (0%)
- Yellow (34%)
- Black (19%)





- Cyan (89%)
- Magenta (19%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9234, 46.1388, 30.4083 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 26.9234, 46.1388, 30.4083 by changing the saturation by 10% instead.


 26.9234, 46.1388,
30.4083


 26.9234, 46.1388,
30.4083


279.4604,
371.3664, 318.0694


 17.6520, 32.3554,
19.8940


 54.1817, 84.4267,
61.3759


 10.7986, 21.6331,
12.1347


 72.8993, 109.6999,
82.6663


 5.9979, 13.5875,
6.7118


 95.4963, 139.5719,
108.3859

 2.8844, 7.8344,
3.2068

 122.3381,
174.4270, 138.9531

 1.0929, 3.9891,
1.2012

 153.7901,
214.6496, 174.7865

 0.0192, 1.6675,
0.0000

190.2175,

 0.0000, 0.4025,

260.6241, 216.3046

0.0000

231.9858,
312.7349, 263.9261

■ 0.0000, 0.0000,
0.0000

■ 26.9234, 46.1388,
30.4083

■ 26.9234, 46.1388,
30.4083

■ 25.9816, 45.7188,
27.4604

■ 28.2946, 46.7774,
33.6115

■ 25.6995, 45.5952,
26.4585

■ 30.1628, 47.6658,
37.0752

■ 32.5851, 48.8344,
40.8079

■ 35.6097, 50.3081,
44.8168

■ 39.2792, 52.1086,
49.1083

■ 43.6323, 54.2558,
53.6888

■ 48.7045, 56.7680,
58.5644

■ 54.5288, 59.6619,
63.7409

■ 61.1360, 62.9536,
69.2239

Harmonies

Analogous

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



32.0589, 46.1388, 15.7227



26.9234, 46.1388, 30.4083



25.9183, 46.1388, 58.8495

Triad

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



26.9234, 46.1388, 30.4083



46.7657, 46.1388, 138.4406



63.0116, 46.1388, 21.3725

Complementary

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



26.9234, 46.1388, 30.4083



28.1227, 14.8543, 13.1920

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.



68.5920, 46.1388, 42.5092



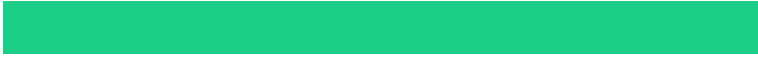
26.9234, 46.1388, 30.4083



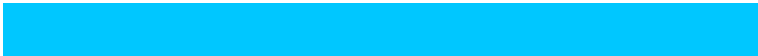
58.2353, 46.1388, 115.8220

Square

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



26.9234, 46.1388, 30.4083



36.2340, 46.1388, 130.6585



66.7107, 46.1388, 77.2236



52.4727, 46.1388, 12.2523

Rectangle

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



26.9234, 46.1388, 30.4083



27.5357, 46.1388, 84.3128



66.7107, 46.1388, 77.2236



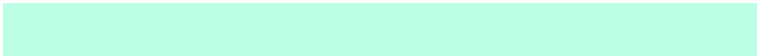
65.6040, 46.1388, 26.8586

Sweetspot

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



26.9246, 46.1406, 30.4094



70.7524, 87.9327, 87.0457



27.4501, 46.8925, 8.7036



14.5861, 18.5456, 18.0625



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.



26.9246, 46.1406, 30.4094



41.5330, 73.8292, 42.3203



29.6470, 40.7571, 64.6991



11.3464, 12.6483, 13.3816



15.8733, 28.0946, 16.5498



0.8557, 1.4641, 1.0477

Inverse Universe

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



28.1227, 14.8543, 13.1920



43.6243, 22.2137, 14.4858



26.6338, 15.1453, 2.6187



11.3946, 11.2866, 12.6126



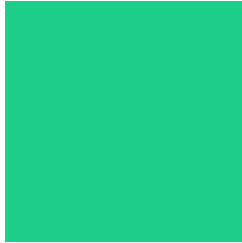
16.6604, 8.4747, 5.9301



0.8967, 0.4521, 0.5016

Previews

White Background



This preview shows how the XYZ color 26.9234, 46.1388, 30.4083 looks on a white background.

Color Contrast Check

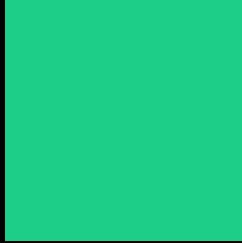
Large Text (above 18pt) WCAG AA × Fail

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 26.9234, 46.1388, 30.4083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

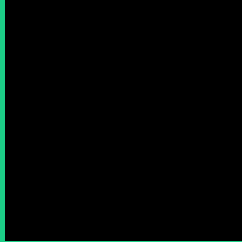
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.9234, 46.1388, 30.4083

Background



This preview shows how black text looks on a background with the XYZ color 26.9234, 46.1388, 30.4083.



This preview shows how white text looks on a background with the XYZ color 26.9234, 46.1388,

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

26.9234, 46.1388, 30.4083

Protanopia

42.0063, 45.1648, 25.5725

Deuteranopia

46.0049, 45.0435, 32.2561



Tritanopia

34.6041, 45.7698, 69.2980

Trichromacy



Original Color

26.9234, 46.1388, 30.4083



Protanomaly

31.9254, 43.0220, 27.0435



Deuteranomaly

33.2018, 42.0141, 31.1705



Tritanomaly

31.1096, 45.6991, 52.5286

Monochromacy



Original Color

26.9234, 46.1388, 30.4083



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

24.1059, 32.3853, 30.1798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9234, 46.1388, 30.4083 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(28, 206, 135)` looks like.

```
.text, #text, p{  
    color:rgb(28, 206, 135)  
}
```

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(28, 206, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 206, 135) }
```

Border

The CSS property to change the border of an element to XYZ 26.9234, 46.1388, 30.4083 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(28, 206, 135) }
```


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

```
.border{ border-color:rgb(28, 206, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 206, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 206, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 206, 135);  
box-shadow:4px 4px 4px 4px rgb(28, 206,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9234, 46.1388, 30.4083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 206, 135) }
```

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

```
.background{ background-color: rgb(28, 206,  
135) }
```

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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