

Converting Colors

XYZ(26.7571, 48.2534, 23.6166)

Have a look what the booklet for
XYZ(26.7571, 48.2534, 23.6166)
contains.

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Color

**XYZ(26.8334, 48.4387,
23.5581)**

Conversions

Conversions Part 1

Format	Color
Hex	15D471
RGB	21, 212, 113
RGB Percent	8%, 83%, 44%
CMY	0.9176, 0.1686, 0.5569
CMYK	0.90, 0.00, 0.47, 0.17
HSL	149°, 82%, 46%
HSV	149°, 90%, 83%
XYZ	26.8334, 48.4387, 23.5581
YIQ	143.6050, -82.0570, -71.2810

Conversions

Conversions Part 2

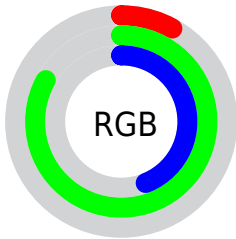
Format	Color
RYB	21, 150, 212
Decimal	1430641
CIELab	75.10, -64.67, 37.00
CIELCh	75, 74.508, 150.222
Yxy	48.4387, 0.2715, 0.4901
Android (android.graphics.Color)	4279620721 (0xFF15D471)
YUV	143.6050, -15.0883, -107.5246
Hunter-Lab	69.5979, -52.9759, 28.6496

Details

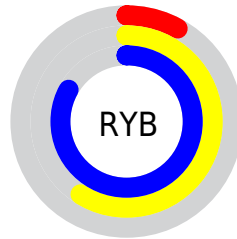
The XYZ color **26.8334, 48.4387, 23.5581** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **30.8114, 15.8905, 19.2152**, and the grayscale version is **26.4344, 27.8110, 30.2862**.

A 20% lighter version of the original color is **48.8273, 77.4613, 48.4545**, and **12.7857, 24.1358, 8.6874** is the 20% darker color. If you saturate the color by 10%, you get **25.9483, 48.0504, 20.5070**, and if you desaturate by 10%, it is **28.1453, 49.0405, 27.0484**.

Distribution



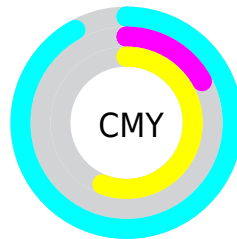
- Red (8%)
- Green (83%)
- Blue (44%)



- Red (8%)
- Yellow (59%)
- Blue (83%)



- Cyan (90%)
- Magenta (0%)
- Yellow (47%)
- Black (17%)



- Cyan (92%)
- Magenta (17%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8334, 48.4387, 23.5581 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 26.8334, 48.4387, 23.5581 by changing the saturation by 10% instead.

■ 26.8334, 48.4387,
23.5581

■ 26.8334, 48.4387,
23.5581

279.0318,
380.5284, 283.7930

■ 17.5841, 34.1744,
14.7970

■ 54.0382, 87.8572,
50.2429

■ 10.7497, 23.0276,
8.5320

■ 72.7244, 113.7803,
69.0036

■ 5.9648, 14.6139,
4.3446

■ 95.2869, 144.3584,
91.9346

■ 2.8642, 8.5489,
1.8162

■ 122.0911,
179.9759, 119.4545

■ 1.0823, 4.4481,
0.4386

■ 153.5023,
221.0173, 151.9817

■ 0.0103, 1.9273,
0.0000

189.8860,

■ 0.0000, 0.5647,

267.8669, 189.9348

0.0000

231.6073,
320.9091, 233.7324

■ 0.0000, 0.0000,
0.0000

■ 26.8334, 48.4387,
23.5581

■ 26.8334, 48.4387,
23.5581

■ 25.9483, 48.0504,
20.5070

■ 28.1453, 49.0405,
27.0484

■ 29.9923, 49.9078,
30.9669

■ 32.4412, 51.0762,
35.3306

■ 35.5478, 52.5742,
40.1540

■ 39.3612, 54.4268,
45.4511

■ 43.9254, 56.6564,
51.2349

■ 49.2808, 59.2837,
57.5181

■ 55.4650, 62.3278,
64.3129

■ 62.5127, 65.8064,
71.6308

Harmonies

Analogous

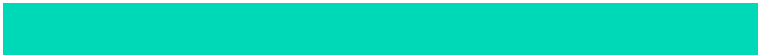
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.0679, 48.4387, 10.8384



26.8334, 48.4387, 23.5581



24.4907, 48.4387, 53.0329

Triad

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



26.8334, 48.4387, 23.5581



46.1412, 48.4387, 169.0278



72.6002, 48.4387, 23.2649

Complementary

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



26.8334, 48.4387, 23.5581



30.8114, 15.8905, 19.2152

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.



77.5334, 48.4387, 52.4511



26.8334, 48.4387, 23.5581



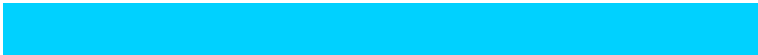
60.5309, 48.4387, 147.8095

Square

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



26.8334, 48.4387, 23.5581



34.2120, 48.4387, 148.3885



72.7379, 48.4387, 99.4879



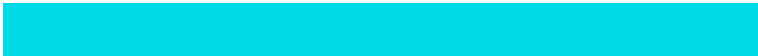
60.3200, 48.4387, 10.7374

Rectangle

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



26.8334, 48.4387, 23.5581



25.5665, 48.4387, 83.1714



72.7379, 48.4387, 99.4879



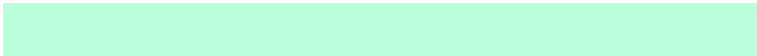
75.2695, 48.4387, 30.8194

Sweetspot

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



26.8346, 48.4407, 23.5592



68.8735, 87.1088, 80.4173



31.8299, 51.3445, 8.9427



14.1765, 18.3680, 16.5300



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.



26.8346, 48.4407, 23.5592



39.3241, 72.9456, 30.6883



34.9504, 51.6870, 66.2962



12.5091, 13.9946, 14.4952



16.0687, 29.6828, 12.9234



1.0109, 1.8070, 0.9992

Inverse Universe

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



30.8114, 15.8905, 19.2152



45.4170, 22.9308, 23.9256



27.6229, 14.6151, 2.4248



12.6893, 12.5272, 14.3043



18.5466, 9.3550, 10.1824



1.1604, 0.5809, 0.8340

Previews

White Background



This preview shows how the XYZ color 26.8334, 48.4387, 23.5581 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 26.8334, 48.4387, 23.5581 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 26.8334, 48.4387, 23.5581

Background



This preview shows how black text looks on a background with the XYZ color 26.8334, 48.4387, 23.5581.



This preview shows how white text looks on a background with the XYZ color 26.8334, 48.4387,

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

26.8334, 48.4387, 23.5581

Protanopia

43.4691, 47.2638, 19.6637

Deuteranopia

48.3580, 47.2807, 24.9897



Tritanopia

36.6583, 48.1121, 73.0001

Trichromacy



Original Color

26.8334, 48.4387, 23.5581



Protanomaly

32.0990, 44.8794, 20.8807



Deuteranomaly

33.5257, 43.5942, 24.1003



Tritanomaly

31.5930, 47.4011, 50.1320

Monochromacy



Original Color

26.8334, 48.4387, 23.5581



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

23.5672, 32.7220, 27.2642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8334, 48.4387, 23.5581 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(21, 212, 113)` looks like.

```
.text, #text, p{  
    color:rgb(21, 212, 113)  
}
```

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(21, 212, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 212, 113) }
```

Border

The CSS property to change the border of an element to XYZ 26.8334, 48.4387, 23.5581 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(21, 212, 113) }
```


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

```
.border{ border-color:rgb(21, 212, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 212, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 212, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 212, 113);  
box-shadow:4px 4px 4px 4px rgb(21, 212,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8334, 48.4387, 23.5581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 212, 113) }
```

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

```
.background{ background-color: rgb(21, 212,  
113) }
```

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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