

Converting Colors

XYZ(25.2736, 45.7745, 29.7338)

Have a look what the booklet for
XYZ(25.2736, 45.7745, 29.7338)
contains.

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Color

**XYZ(26.5465, 46.3191,
29.7316)**

Conversions

Conversions Part 1

Format	Color
Hex	00CF85
RGB	0, 207, 133
RGB Percent	0%, 81%, 52%
CMY	0.9999, 0.1882, 0.4784
CMYK	1.00, 0.00, 0.36, 0.19
HSL	159°, 100%, 41%
HSV	159°, 100%, 81%
XYZ	26.5465, 46.3191, 29.7316
YIQ	136.6710, -99.6180, -66.8980

Conversions

Conversions Part 2

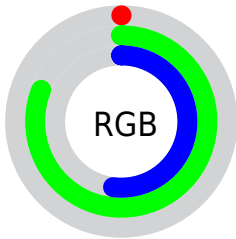
Format	Color
RYB	0, 126, 207
Decimal	53125
CIELab	73.75, -60.03, 24.99
CIELCh	74, 65.024, 157.396
Yxy	46.3191, 0.2587, 0.4515
Android (android.graphics.Color)	4278243205 (0xFF00CF85)
YUV	136.6710, -1.8098, -119.8605
Hunter-Lab	68.0581, -49.4767, 21.7395

Details

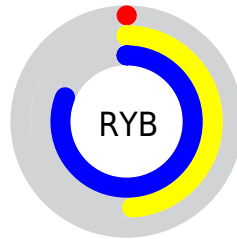
The XYZ color **26.5465, 46.3191, 29.7316** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **26.9702, 13.7611, 7.7175**, and the grayscale version is **23.6904, 24.9241, 27.1424**.

A 20% lighter version of the original color is **50.2091, 77.9326, 59.4099**, and **12.6279, 22.7578, 11.9107** is the 20% darker color. If you saturate the color by 10%, you get **26.5469, 46.3206, 29.7297**, and if you desaturate by 10%, it is **27.3805, 46.6891, 32.5358**.

Distribution



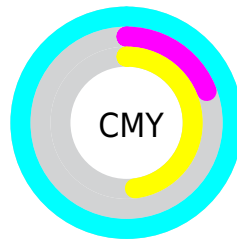
- Red (0%)
- Green (81%)
- Blue (52%)



- Red (0%)
- Yellow (49%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (19%)





- Cyan (100%)
- Magenta (19%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5465, 46.3191, 29.7316 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 26.5465, 46.3191, 29.7316 by changing the saturation by 10% instead.


 26.5465, 46.3191,
29.7316


 26.5465, 46.3191,
29.7316


277.6624,
372.0901, 314.8196


 17.3677, 32.4977,
19.3846


 53.5803, 84.6964,
60.2934


 10.5940, 21.7419,
11.7689


 72.1661, 110.0210,
81.3454


 5.8598, 13.6674,
6.4659


 94.6183, 139.9489,
106.8028

 2.7999, 7.8897,
3.0571

 121.3022,
174.8643, 137.0841

 1.0488, 4.0245,
1.1238

 152.5832,
215.1518, 172.6079

 0.0000, 1.6873,
0.0000

188.8267,

 0.0000, 0.4154,

261.1956, 213.7927

0.0000

230.3979,
313.3802, 261.0571

■ 0.0000, 0.0000,
0.0000

■ 26.5465, 46.3191,
29.7316

■ 26.5465, 46.3191,
29.7316

■ 26.5469, 46.3206,
29.7297

■ 27.3805, 46.6891,
32.5358

■ 28.5749, 47.2394,
35.5477

■ 30.2416, 48.0289,
38.7772

■ 32.4410, 49.0885,
42.2307

■ 35.2239, 50.4445,
45.9138

■ 38.6349, 52.1197,
49.8322

■ 42.7143, 54.1349,
53.9909

■ 47.4988, 56.5089,
58.3949

■ 53.0225, 59.2592,
63.0488

Harmonies

Analogous

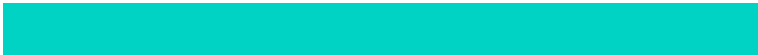
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.8722, 46.3191, 14.9098



26.5465, 46.3191, 29.7316



25.4760, 46.3191, 59.0686

Triad

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



26.5465, 46.3191, 29.7316



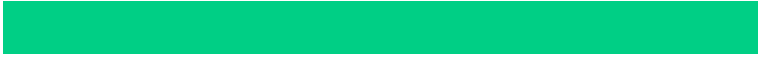
46.9449, 46.3191, 143.4032



64.1210, 46.3191, 20.8373

Complementary

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



26.5465, 46.3191, 29.7316



26.9702, 13.7611, 7.7175

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.



69.9127, 46.3191, 42.6841



26.5465, 46.3191, 29.7316



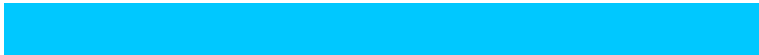
58.9301, 46.3191, 119.6803

Square

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



26.5465, 46.3191, 29.7316



36.0319, 46.3191, 134.8395



67.8634, 46.3191, 79.0289



53.1204, 46.3191, 11.5648

Rectangle

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



26.5465, 46.3191, 29.7316



27.1104, 46.3191, 85.7089



67.8634, 46.3191, 79.0289



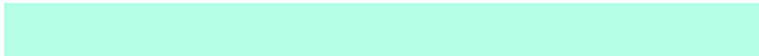
66.8219, 46.3191, 26.4711

Sweetspot

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



26.5477, 46.3209, 29.7327



68.1900, 86.6262, 86.2702



25.2876, 46.1604, 7.5777



13.9733, 18.2338, 17.8478



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.



26.5477, 46.3209, 29.7327



42.4455, 74.1942, 47.1255



27.4648, 36.9085, 64.7102



11.9715, 13.3323, 14.2061



16.7717, 29.2016, 18.9756



0.9749, 1.6476, 1.2564

Inverse Universe

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



26.9702, 13.7611, 7.7175



43.1357, 22.0183, 11.9124



26.1395, 14.0785, 1.3404



11.9809, 11.8771, 13.1750



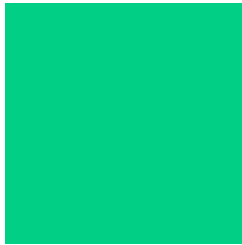
17.0326, 8.6859, 5.0777



0.9898, 0.5006, 0.4811

Previews

White Background



This preview shows how the XYZ color 26.5465, 46.3191, 29.7316 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 26.5465, 46.3191, 29.7316 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 26.5465, 46.3191, 29.7316

Background



This preview shows how black text looks on a background with the XYZ color 26.5465, 46.3191, 29.7316.

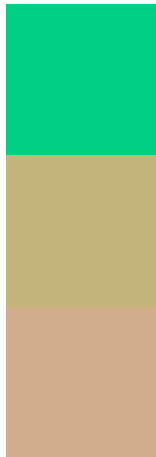


This preview shows how white text looks on a background with the XYZ color 26.5465, 46.3191,

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

26.5465, 46.3191, 29.7316

Protanopia

42.2781, 45.6251, 24.6674

Deuteranopia

46.3296, 45.5119, 31.5421



Tritanopia

34.7241, 46.1531, 70.0291

Trichromacy



Original Color

26.5465, 46.3191, 29.7316



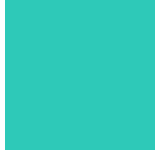
Protanomaly

30.4273, 42.5927, 26.0196



Deuteranomaly

31.7679, 41.6012, 30.4003



Tritanomaly

30.6651, 45.8148, 52.5743

Monochromacy



Original Color

26.5465, 46.3191, 29.7316



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

21.2947, 29.6445, 27.8922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5465, 46.3191, 29.7316 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, 207, 133)` looks like.

```
.text, #text, p{  
    color:rgb(0, 207, 133)  
}
```

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, 207, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 207, 133) }
```

Border

The CSS property to change the border of an element to XYZ 26.5465, 46.3191, 29.7316 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, 207, 133) }
```


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

```
.border{ border-color:rgb(0, 207, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 207, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 207, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 207, 133);  
box-shadow:4px 4px 4px 4px rgb(0, 207,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5465, 46.3191, 29.7316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 207, 133) }
```

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

```
.background{ background-color: rgb(0, 207,  
133) }
```

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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