

Converting Colors

XYZ(27.0940, 48.3673, 26.9759)

Have a look what the booklet for
XYZ(27.0940, 48.3673, 26.9759)
contains.

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Color

**XYZ(27.1816, 48.5422,
27.0057)**

Conversions

Conversions Part 1

Format	Color
Hex	00D47C
RGB	0, 212, 124
RGB Percent	0%, 83%, 49%
CMY	0.9999, 0.1686, 0.5137
CMYK	1.00, 0.00, 0.42, 0.17
HSL	155°, 100%, 42%
HSV	155°, 100%, 83%
XYZ	27.1816, 48.5422, 27.0057
YIQ	138.5800, -98.1040, -72.3120

Conversions

Conversions Part 2

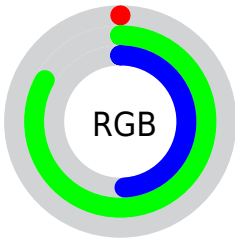
Format	Color
RYB	0, 134, 212
Decimal	54396
CIELab	75.17, -63.54, 31.52
CIELCh	75, 70.926, 153.612
Yxy	48.5422, 0.2646, 0.4725
Android (android.graphics.Color)	4278244476 (0xFF00D47C)
YUV	138.5800, -7.1879, -121.5347
Hunter-Lab	69.6722, -52.2872, 25.7891

Details

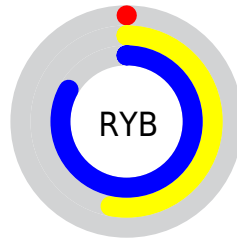
The XYZ color **27.1816, 48.5422, 27.0057** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **28.9149, 14.7029, 10.5509**, and the grayscale version is **24.4358, 25.7083, 27.9964**.

A 20% lighter version of the original color is **49.4047, 77.6374, 53.9766**, and **13.1245, 24.2713, 10.4717** is the 20% darker color. If you saturate the color by 10%, you get **27.1821, 48.5438, 27.0042**, and if you desaturate by 10%, it is **28.0783, 48.9386, 30.0853**.

Distribution



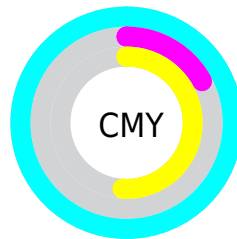
- Red (0%)
- Green (83%)
- Blue (49%)



- Red (0%)
- Yellow (53%)
- Blue (83%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (17%)





- Cyan (100%)
- Magenta (17%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1816, 48.5422, 27.0057 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 27.1816, 48.5422, 27.0057 by changing the saturation by 10% instead.


 27.1816, 48.5422,
27.0057


 27.1816, 48.5422,
27.0057


280.6869,
380.9373, 301.4458


 17.8469, 34.2565,
17.3450

 54.5930, 88.0111,
55.8969


 10.9392, 23.0907,
10.3162


 73.4004, 113.9631,
75.9644


 6.0929, 14.6605,
5.5008


 96.0961, 144.5727,
100.3381

 2.9429, 8.5815,
2.4802

 123.0455,
180.2241, 129.4363

 1.1236, 4.4692,
0.8296

 154.6140,
221.3019, 163.6776

 0.0447, 1.9393,
0.0000

191.1667,

 0.0000, 0.5719,

268.1905, 203.4806

0.0000

233.0693,
321.2741, 249.2638

■ 0.0000, 0.0000,
0.0000

■ 27.1816, 48.5422,
27.0057

■ 27.1816, 48.5422,
27.0057

■ 27.1821, 48.5438,
27.0042

■ 28.0783, 48.9386,
30.0853

■ 29.3693, 49.5310,
33.4481

■ 31.1718, 50.3811,
37.1071

■ 33.5503, 51.5220,
41.0711

■ 36.5592, 52.9816,
45.3487

■ 40.2464, 54.7844,
49.9478

■ 44.6549, 56.9526,
54.8760

■ 49.8240, 59.5062,
60.1403

■ 55.7902, 62.4639,
65.7478

Harmonies

Analogous

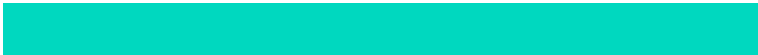
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.6439, 48.5422, 12.8550



27.1816, 48.5422, 27.0057



25.4263, 48.5422, 57.4914

Triad

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



27.1816, 48.5422, 27.0057



47.7299, 48.5422, 161.2457



70.2279, 48.5422, 22.3166

Complementary

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



27.1816, 48.5422, 27.0057



28.9149, 14.7029, 10.5509

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.



75.8322, 48.5422, 48.4733



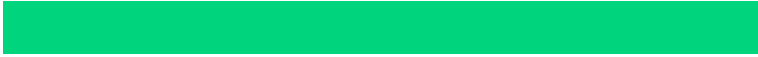
27.1816, 48.5422, 27.0057



61.3955, 48.5422, 137.6373

Square

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



27.1816, 48.5422, 27.0057



35.9013, 48.5422, 146.3473



72.3313, 48.5422, 91.4574



58.1559, 48.5422, 11.1773

Rectangle

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



27.1816, 48.5422, 27.0057



26.8238, 48.5422, 87.0046



72.3313, 48.5422, 91.4574



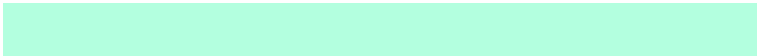
73.0237, 48.5422, 29.0633

Sweetspot

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



27.1828, 48.5441, 27.0068



67.5871, 86.3850, 83.0953



27.6018, 49.1804, 8.0386



13.8297, 18.1764, 17.0915



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.



27.1828, 48.5441, 27.0068



41.1961, 73.6945, 40.5463



31.2515, 43.4880, 69.0366



12.5640, 14.0166, 14.7844



16.8312, 29.9878, 16.9387



1.0560, 1.8250, 1.2365

Inverse Universe

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



28.9149, 14.7029, 10.5509



43.8342, 22.2977, 15.5906



27.3637, 14.4201, 1.3417



12.6349, 12.5055, 14.0177



17.8969, 9.0951, 6.7609



1.1201, 0.5648, 0.6221

Previews

White Background



This preview shows how the XYZ color 27.1816, 48.5422, 27.0057 looks on a white background.

Color Contrast Check

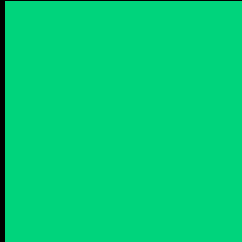
Large Text (above 18pt) WCAG AA × Fail

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 27.1816, 48.5422, 27.0057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

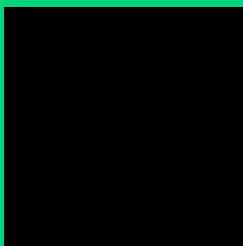
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

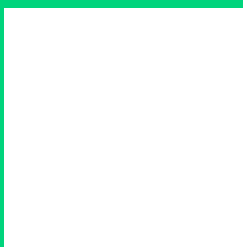
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1816, 48.5422, 27.0057

Background



This preview shows how black text looks on a background with the XYZ color 27.1816, 48.5422, 27.0057.

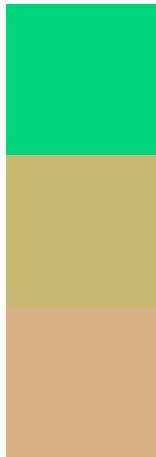


This preview shows how white text looks on a background with the XYZ color 27.1816, 48.5422,

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

27.1816, 48.5422, 27.0057

Protanopia

43.9405, 47.7526, 22.5240

Deuteranopia

48.6724, 47.6495, 28.8223



Tritanopia

36.5529, 48.4027, 73.0618

Trichromacy



Original Color

27.1816, 48.5422, 27.0057



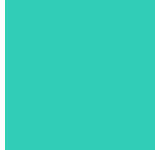
Protanomaly

31.2551, 44.3800, 23.7485



Deuteranomaly

32.8743, 43.4959, 27.7820



Tritanomaly

31.6940, 47.7597, 52.3478

Monochromacy



Original Color

27.1816, 48.5422, 27.0057



Achromatopsia

24.5403, 25.8183, 28.1161



Achromatomaly

21.9638, 31.0684, 27.3934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1816, 48.5422, 27.0057 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, 212, 124)` looks like.

```
.text, #text, p{  
    color:rgb(0, 212, 124)  
}
```

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, 212, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 212, 124) }
```

Border

The CSS property to change the border of an element to XYZ 27.1816, 48.5422, 27.0057 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, 212, 124) }
```


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

```
.border{ border-color:rgb(0, 212, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 212, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 212, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 212, 124);  
box-shadow:4px 4px 4px 4px rgb(0, 212,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1816, 48.5422, 27.0057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 212, 124) }
```

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

```
.background{ background-color: rgb(0, 212,  
124) }
```

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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