

Converting Colors

XYZ(28.4992, 50.2856, 30.0422)

Have a look what the booklet for
XYZ(28.4992, 50.2856, 30.0422)
contains.

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Color

**XYZ(28.5028, 50.2862,
30.0337)**

Conversions

Conversions Part 1

Format	Color
Hex	03D784
RGB	3, 215, 132
RGB Percent	1%, 84%, 52%
CMY	0.9882, 0.1568, 0.4823
CMYK	0.99, 0.00, 0.39, 0.16
HSL	157°, 97%, 43%
HSV	157°, 99%, 84%
XYZ	28.5028, 50.2862, 30.0337
YIQ	142.1500, -99.7090, -70.7570

Conversions

Conversions Part 2

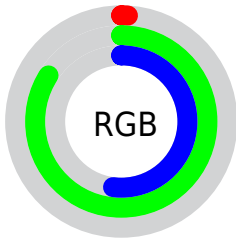
Format	Color
RYB	3, 135, 215
Decimal	251780
CIELab	76.24, -62.93, 28.85
CIELCh	76, 69.232, 155.371
Yxy	50.2862, 0.2619, 0.4621
Android (android.graphics.Color)	4278441860 (0xFF03D784)
YUV	142.1500, -5.0040, -122.0346
Hunter-Lab	70.9128, -52.3507, 24.5278

Details

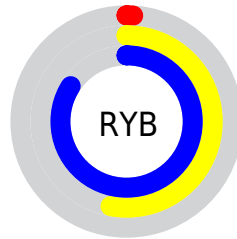
The XYZ color **28.5028, 50.2862, 30.0337** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **29.7384, 15.1851, 10.1706**, and the grayscale version is **25.8201, 27.1648, 29.5824**.

A 20% lighter version of the original color is **50.4486, 78.0684, 58.8642**, and **13.9211, 25.4055, 12.1527** is the 20% darker color. If you saturate the color by 10%, you get **28.3861, 50.2367, 29.6104**, and if you desaturate by 10%, it is **29.4551, 50.7092, 33.2091**.

Distribution



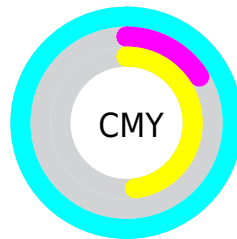
- Red (1%)
- Green (84%)
- Blue (52%)



- Red (1%)
- Yellow (53%)
- Blue (84%)



- Cyan (99%)
- Magenta (0%)
- Yellow (39%)
- Black (16%)





- Cyan (99%)
- Magenta (16%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5028, 50.2862, 30.0337 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 28.5028, 50.2862, 30.0337 by changing the saturation by 10% instead.


 28.5028, 50.2862,
30.0337


 28.5028, 50.2862,
30.0337


286.8984,
387.7841, 316.2737


 18.8474, 35.6409,
19.6119


 56.6892, 90.5988,
60.7771


 11.6634, 24.1570,
11.9320


 75.9510, 117.0348,
81.9358


 6.5855, 15.4501,
6.5754


 99.1456, 148.1698,
107.5105

 3.2483, 9.1359,
3.1236

 126.6384,
184.3883, 137.9198

 1.2864, 4.8299,
1.1581

 158.7947,
226.0746, 173.5823

 0.1730, 2.1478,
0.0000

195.9799,

 0.0000, 0.6913,

273.6130, 214.9164

0.0000

238.5594,
327.3881, 262.3407

■ 0.0000, 0.0000,
0.0000

■ 28.5028, 50.2862,
30.0337

■ 28.5028, 50.2862,
30.0337

■ 28.3861, 50.2367,
29.6104

■ 29.4551, 50.7092,
33.2091

■ 30.8406, 51.3487,
36.6520

■ 32.7592, 52.2574,
40.3733

■ 35.2756, 53.4685,
44.3813

■ 38.4449, 55.0104,
48.6836

■ 42.3157, 56.9080,
53.2873

■ 46.9317, 59.1837,
58.1992

■ 52.3331, 61.8581,
63.4258

■ 58.5569, 64.9503,
68.9734

Harmonies

Analogous

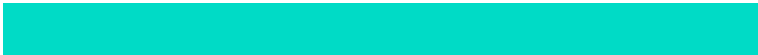
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.7508, 50.2862, 14.6951



28.5028, 50.2862, 30.0337



26.9985, 50.2862, 61.7226

Triad

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



28.5028, 50.2862, 30.0337



50.1708, 50.2862, 161.2525



71.1813, 50.2862, 22.9160

Complementary

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



28.5028, 50.2862, 30.0337



29.7384, 15.1851, 10.1706

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.



77.2109, 50.2862, 48.3291



28.5028, 50.2862, 30.0337



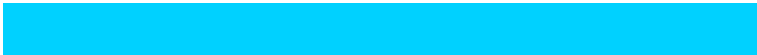
63.7537, 50.2862, 136.2028

Square

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



28.5028, 50.2862, 30.0337



38.1276, 50.2862, 148.8638



74.2728, 50.2862, 90.2839



58.9735, 50.2862, 12.0825

Rectangle

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



28.5028, 50.2862, 30.0337



28.5997, 50.2862, 91.4604



74.2728, 50.2862, 90.2839



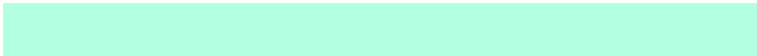
74.0896, 50.2862, 29.4748

Sweetspot

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



28.5041, 50.2882, 30.0349



67.8322, 86.4831, 84.3861



28.3243, 50.6748, 8.3749



13.8880, 18.1997, 17.3986



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.



28.5041, 50.2882, 30.0349



41.6898, 73.8919, 43.1458



31.5522, 43.4225, 71.0109



12.5766, 14.0217, 14.8510



17.0311, 30.0678, 17.9912



1.0674, 1.8296, 1.2964

Inverse Universe

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



29.7384, 15.1851, 10.1706



43.5325, 22.1770, 14.0024



28.3729, 15.1162, 1.5088



12.6226, 12.5005, 13.9527



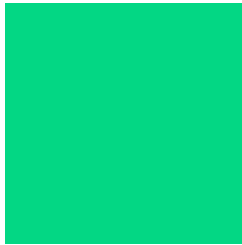
17.7718, 9.0451, 6.1026



1.1120, 0.5616, 0.5790

Previews

White Background



This preview shows how the XYZ color 28.5028, 50.2862, 30.0337 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 28.5028, 50.2862, 30.0337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

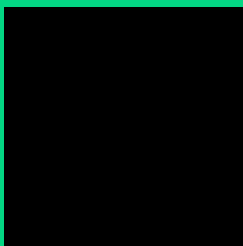
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

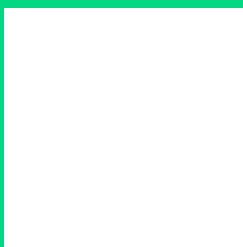
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5028, 50.2862, 30.0337

Background



This preview shows how black text looks on a background with the XYZ color 28.5028, 50.2862, 30.0337.



This preview shows how white text looks on a background with the XYZ color 28.5028, 50.2862,

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

28.5028, 50.2862, 30.0337

Protanopia

45.5777, 49.1704, 24.8579

Deuteranopia

50.3689, 49.3493, 31.6816



Tritanopia

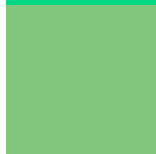
37.7046, 49.9840, 76.0672

Trichromacy



Original Color

28.5028, 50.2862, 30.0337



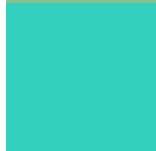
Protanomaly

32.8103, 46.1336, 26.2442



Deuteranomaly

34.3495, 45.1681, 30.5748



Tritanomaly

33.0566, 49.4640, 55.9494

Monochromacy



Original Color

28.5028, 50.2862, 30.0337



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

23.0898, 32.4351, 29.0884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5028, 50.2862, 30.0337 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(3, 215, 132)` looks like.

```
.text, #text, p{  
    color:rgb(3, 215, 132)  
}
```

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(3, 215, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 215, 132) }
```

Border

The CSS property to change the border of an element to XYZ 28.5028, 50.2862, 30.0337 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(3, 215, 132) }
```


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

```
.border{ border-color:rgb(3, 215, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 215, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 215, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 215, 132);  
box-shadow:4px 4px 4px 4px rgb(3, 215,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5028, 50.2862, 30.0337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 215, 132) }
```

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

```
.background{ background-color: rgb(3, 215,  
132) }
```

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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