

Converting Colors

XYZ(28.2665, 50.9140, 26.4807)

Have a look what the booklet for
XYZ(28.2665, 50.9140, 26.4807)
contains.

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Color

**XYZ(28.3141, 51.0320,
26.4470)**

Conversions

Conversions Part 1

Format	Color
Hex	04D979
RGB	4, 217, 121
RGB Percent	2%, 85%, 47%
CMY	0.9843, 0.1490, 0.5255
CMYK	0.98, 0.00, 0.44, 0.15
HSL	153°, 96%, 43%
HSV	153°, 98%, 85%
XYZ	28.3141, 51.0320, 26.4470
YIQ	142.3690, -96.1320, -75.0120

Conversions

Conversions Part 2

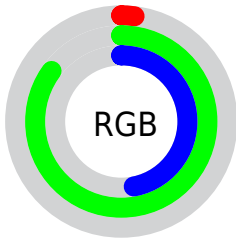
Format	Color
RYB	4, 141, 217
Decimal	317817
CIELab	76.70, -65.63, 35.04
CIELCh	77, 74.397, 151.904
Yxy	51.0320, 0.2676, 0.4824
Android (android.graphics.Color)	4278507897 (0xFF04D979)
YUV	142.3690, -10.5349, -121.3496
Hunter-Lab	71.4367, -54.2653, 28.0556

Details

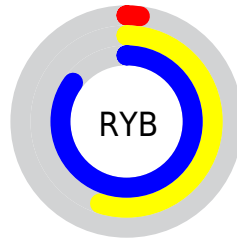
The XYZ color **28.3141, 51.0320, 26.4470** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **30.9609, 15.7598, 13.4703**, and the grayscale version is **25.9274, 27.2777, 29.7054**.

A 20% lighter version of the original color is **49.3438, 77.6402, 52.4298**, and **13.7081, 25.5965, 10.1794** is the 20% darker color. If you saturate the color by 10%, you get **28.1552, 50.9642, 25.8670**, and if you desaturate by 10%, it is **29.3146, 51.4763, 29.7868**.

Distribution



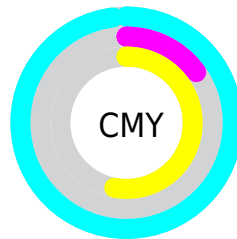
- Red (2%)
- Green (85%)
- Blue (47%)



- Red (2%)
- Yellow (55%)
- Blue (85%)



- Cyan (98%)
- Magenta (0%)
- Yellow (44%)
- Black (15%)





- Cyan (98%)
- Magenta (15%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3141, 51.0320, 26.4470 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 28.3141, 51.0320, 26.4470 by changing the saturation by 10% instead.


 28.3141, 51.0320,
26.4470


 28.3141, 51.0320,
26.4470


286.0177,
390.6881, 298.6445


 18.7042, 36.2341,
16.9296


 56.3907, 91.7021,
54.9881


 11.5595, 24.6150,
10.0229


 75.5881, 118.3430,
74.8489


 6.5145, 15.7905,
5.3083


 98.7121, 149.7004,
98.9945

 3.2040, 9.3760,
2.3674

 126.1279,
186.1587, 127.8435

 1.2625, 4.9872,
0.7686

 158.2011,
228.1022, 161.8145

 0.1549, 2.2398,
0.0000

195.2969,

 0.0000, 0.7416,

275.9153, 201.3260

0.0000

237.7806,
329.9825, 246.7965

■ 0.0000, 0.0000,
0.0000

■ 28.3141, 51.0320,
26.4470

■ 28.3141, 51.0320,
26.4470

■ 28.1552, 50.9642,
25.8670

■ 29.3146, 51.4763,
29.7868

■ 30.7806, 52.1520,
33.4738

■ 32.8091, 53.1102,
37.5223

■ 35.4662, 54.3848,
41.9438

■ 38.8086, 56.0050,
46.7490

■ 42.8862, 57.9963,
51.9479

■ 47.7442, 60.3817,
57.5502

■ 53.4238, 63.1824,
63.5652

■ 59.9636, 66.4181,
70.0016

Harmonies

Analogous

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



35.5482, 51.0320, 12.2940



28.3141, 51.0320, 26.4470



26.1519, 51.0320, 58.1827

Triad

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



28.3141, 51.0320, 26.4470



49.4099, 51.0320, 174.7934



75.3330, 51.0320, 23.8178

Complementary

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



28.3141, 51.0320, 26.4470



30.9609, 15.7598, 13.4703

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.



80.9354, 51.0320, 53.0274



28.3141, 51.0320, 26.4470



64.2786, 51.0320, 150.8998

Square

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



28.3141, 51.0320, 26.4470



36.8304, 51.0320, 155.9726



76.5464, 51.0320, 100.7063



62.4162, 51.0320, 11.3750

Rectangle

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



28.3141, 51.0320, 26.4470



27.4588, 51.0320, 89.8293



76.5464, 51.0320, 100.7063



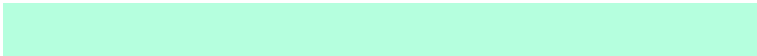
78.2355, 51.0320, 31.3542

Sweetspot

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



28.3154, 51.0341, 26.4482



67.9682, 86.6060, 82.0089



30.4763, 52.5442, 8.6510



13.8846, 18.2112, 16.8000



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.



28.3154, 51.0341, 26.4482



40.4983, 73.4153, 36.8718



35.5980, 51.0816, 73.6317



13.1843, 14.7253, 15.4334



17.0970, 30.8714, 15.9423



1.1509, 2.0173, 1.2604

Inverse Universe

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



30.9609, 15.7598, 13.4703



44.3308, 22.4963, 18.2061



28.7593, 15.0030, 1.4953



13.2988, 13.1486, 14.8347



18.7029, 9.4822, 8.0817



1.2547, 0.6315, 0.7502

Previews

White Background



This preview shows how the XYZ color 28.3141, 51.0320, 26.4470 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 28.3141, 51.0320, 26.4470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

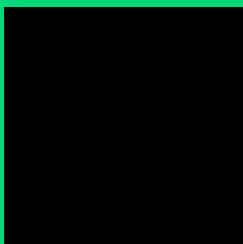
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

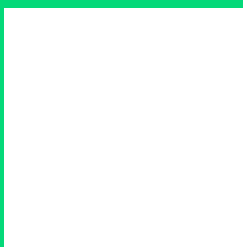
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3141, 51.0320, 26.4470

Background



This preview shows how black text looks on a background with the XYZ color 28.3141, 51.0320, 26.4470.



This preview shows how white text looks on a background with the XYZ color 28.3141, 51.0320,

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

28.3141, 51.0320, 26.4470

Protanopia

46.2513, 50.2140, 22.0064

Deuteranopia

51.0910, 50.1015, 28.0969



Tritanopia

38.4095, 50.6859, 76.8662

Trichromacy



Original Color

28.3141, 51.0320, 26.4470



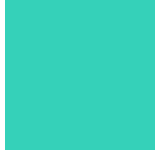
Protanomaly

33.1336, 47.0483, 23.2545



Deuteranomaly

34.4023, 45.6015, 27.0675



Tritanomaly

33.0256, 49.8606, 53.7824

Monochromacy



Original Color

28.3141, 51.0320, 26.4470



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

22.9047, 32.3725, 27.5956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3141, 51.0320, 26.4470 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(4, 217, 121)` looks like.

```
.text, #text, p{  
    color:rgb(4, 217, 121)  
}
```

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(4, 217, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 217, 121) }
```

Border

The CSS property to change the border of an element to XYZ 28.3141, 51.0320, 26.4470 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(4, 217, 121) }
```


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

```
.border{ border-color:rgb(4, 217, 121) }
```

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

Here you see how a box with a 4 pixel rgb(4, 217, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 217, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 217, 121);  
box-shadow:4px 4px 4px 4px rgb(4, 217,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3141, 51.0320, 26.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 217, 121) }
```

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

```
.background{ background-color: rgb(4, 217,  
121) }
```

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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