

Converting Colors

XYZ(26.8447, 47.2244, 28.7088)

Have a look what the booklet for
XYZ(26.8447, 47.2244, 28.7088)
contains.

XYZ(26.8673, 47.2320, 28.8197)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.8673, 47.2320,
28.8197)**

Conversions

Conversions Part 1

Format	Color
Hex	03D182
RGB	3, 209, 130
RGB Percent	1%, 82%, 51%
CMY	0.9882, 0.1804, 0.4902
CMYK	0.99, 0.00, 0.38, 0.18
HSL	157°, 97%, 42%
HSV	157°, 99%, 82%
XYZ	26.8673, 47.2320, 28.8197
YIQ	138.4000, -97.4170, -68.2410

Conversions

Conversions Part 2

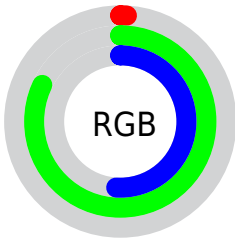
Format	Color
RYB	3, 130, 209
Decimal	250242
CIELab	74.34, -61.24, 27.34
CIELCh	74, 67.070, 155.941
Yxy	47.2320, 0.2611, 0.4589
Android (android.graphics.Color)	4278440322 (0xFF03D182)
YUV	138.4000, -4.1412, -118.7458
Hunter-Lab	68.7255, -50.4876, 23.2449

Details

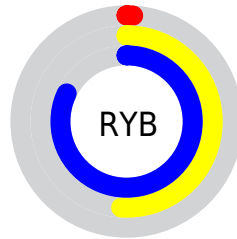
The XYZ color **26.8673, 47.2320, 28.8197** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **27.8520, 14.2309, 9.2656**, and the grayscale version is **24.3552, 25.6236, 27.9041**.

A 20% lighter version of the original color is **49.9008, 77.8225, 57.1909**, and **12.8392, 23.3617, 11.4220** is the 20% darker color. If you saturate the color by 10%, you get **26.7534, 47.1835, 28.4119**, and if you desaturate by 10%, it is **27.7649, 47.6313, 31.7820**.

Distribution



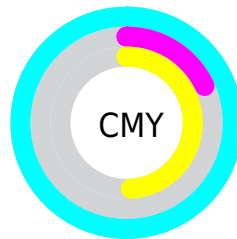
- Red (1%)
- Green (82%)
- Blue (51%)



- Red (1%)
- Yellow (51%)
- Blue (82%)



- Cyan (99%)
- Magenta (0%)
- Yellow (38%)
- Black (18%)





- Cyan (99%)
- Magenta (18%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8673, 47.2320, 28.8197 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 26.8673, 47.2320, 28.8197 by changing the saturation by 10% instead.


 26.8673, 47.2320,
28.8197


 26.8673, 47.2320,
28.8197


279.1933,
375.7398, 310.3976


 17.6097, 33.2191,
18.7001


 54.0922, 86.0598,
58.8293


 10.7681, 22.2943,
11.2791


 72.7903, 111.6435,
79.5563


 5.9773, 14.0733,
6.1384


 95.3658, 141.8530,
104.6562

 2.8718, 8.1717,
2.8593

 122.1841,
177.0725, 134.5475

 1.0863, 4.2050,
1.0232

 153.6107,
217.6866, 169.6487

 0.0136, 1.7889,
0.0000

190.0109,

 0.0000, 0.4802,

264.0796, 210.3784

0.0000

231.7500,
316.6358, 257.1552

■ 0.0000, 0.0000,
0.0000

■ 26.8673, 47.2320,
28.8197

■ 26.8673, 47.2320,
28.8197

■ 26.7534, 47.1835,
28.4119

■ 27.7649, 47.6313,
31.7820

■ 29.0666, 48.2328,
34.9859

■ 30.8662, 49.0860,
38.4414

■ 33.2239, 50.2216,
42.1558

■ 36.1910, 51.6662,
46.1359

■ 39.8126, 53.4428,
50.3881

■ 44.1295, 55.5725,
54.9184

■ 49.1791, 58.0743,
59.7327

■ 54.9959, 60.9660,
64.8365

Harmonies

Analogous

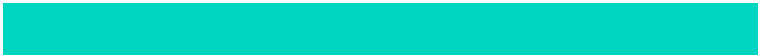
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.6070, 47.2320, 14.2127



26.8673, 47.2320, 28.8197



25.5468, 47.2320, 58.6150

Triad

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



26.8673, 47.2320, 28.8197



47.3367, 47.2320, 149.8484



66.4146, 47.2320, 21.4585

Complementary

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



26.8673, 47.2320, 28.8197



27.8520, 14.2309, 9.2656

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.



72.1440, 47.2320, 44.8532



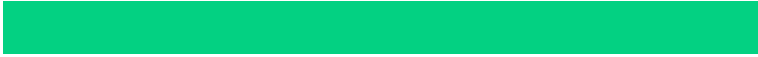
26.8673, 47.2320, 28.8197



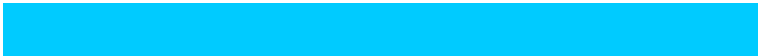
59.9313, 47.2320, 126.1467

Square

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



26.8673, 47.2320, 28.8197



36.0841, 47.2320, 139.0714



69.5810, 47.2320, 83.5448



55.0293, 47.2320, 11.4903

Rectangle

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



26.8673, 47.2320, 28.8197



27.0966, 47.2320, 86.3077



69.5810, 47.2320, 83.5448



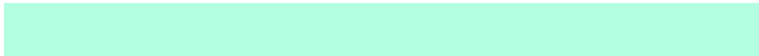
69.1506, 47.2320, 27.4963

Sweetspot

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



26.8685, 47.2339, 28.8208



67.9159, 86.5166, 84.8269



26.6018, 47.5599, 7.8646



13.9079, 18.2077, 17.5036



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.



26.8685, 47.2339, 28.8208



41.8629, 73.9611, 44.0573



29.6167, 40.7629, 66.6309



11.9582, 13.3270, 14.1362



16.5442, 29.1106, 17.7776



0.9632, 1.6429, 1.1947

Inverse Universe

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



27.8520, 14.2309, 9.2656



43.4352, 22.1381, 13.4897



26.6308, 14.2000, 1.4240



11.9937, 11.8822, 13.2426



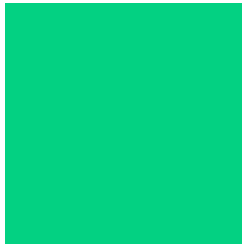
17.1535, 8.7342, 5.7145



0.9974, 0.5037, 0.5212

Previews

White Background



This preview shows how the XYZ color 26.8673, 47.2320, 28.8197 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 26.8673, 47.2320, 28.8197 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

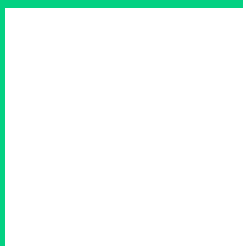
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8673, 47.2320, 28.8197

Background



This preview shows how black text looks on a background with the XYZ color 26.8673, 47.2320, 28.8197.

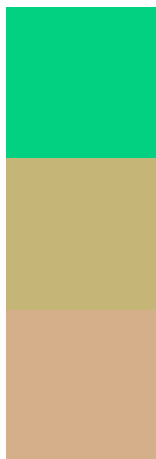


This preview shows how white text looks on a background with the XYZ color 26.8673, 47.2320,

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

26.8673, 47.2320, 28.8197

Protanopia

42.8796, 46.2500, 24.1199

Deuteranopia

47.1641, 46.2532, 30.4867



Tritanopia

35.5908, 47.2490, 71.5341

Trichromacy



Original Color

26.8673, 47.2320, 28.8197



Protanomaly

30.8101, 43.1273, 25.4394



Deuteranomaly

32.4600, 42.6083, 29.4351



Tritanomaly

31.2743, 46.8255, 52.7373

Monochromacy



Original Color

26.8673, 47.2320, 28.8197



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

21.7685, 30.4240, 27.6468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8673, 47.2320, 28.8197 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, 209, 130)` looks like.

```
.text, #text, p{  
    color:rgb(3, 209, 130)  
}
```

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, 209, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 209, 130) }
```

Border

The CSS property to change the border of an element to XYZ 26.8673, 47.2320, 28.8197 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, 209, 130) }
```


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

```
.border{ border-color:rgb(3, 209, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 209, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 209, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 209, 130);  
box-shadow:4px 4px 4px 4px rgb(3, 209,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8673, 47.2320, 28.8197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 209, 130) }
```

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

```
.background{ background-color: rgb(3, 209,  
130) }
```

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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