

Converting Colors

XYZ(26.7304, 44.9830, 30.6215)

Have a look what the booklet for
XYZ(26.7304, 44.9830, 30.6215)
contains.

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Color

**XYZ(26.7143, 44.9609,
30.5629)**

Conversions

Conversions Part 1

Format	Color
Hex	29CB88
RGB	41, 203, 136
RGB Percent	16%, 80%, 53%
CMY	0.8392, 0.2039, 0.4667
CMYK	0.80, 0.00, 0.33, 0.20
HSL	155°, 66%, 48%
HSV	155°, 80%, 80%
XYZ	26.7143, 44.9609, 30.5629
YIQ	146.9240, -75.0450, -55.1810

Conversions

Conversions Part 2

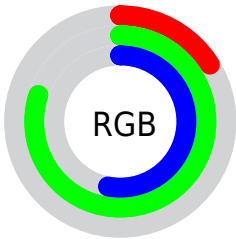
Format	Color
RYB	41, 143, 203
Decimal	2739080
CIELab	72.87, -55.52, 22.27
CIELCh	73, 59.822, 158.148
Yxy	44.9609, 0.2613, 0.4398
Android (android.graphics.Color)	4280929160 (0xFF29CB88)
YUV	146.9240, -5.3855, -92.8953
Hunter-Lab	67.0529, -46.2270, 19.9125

Details

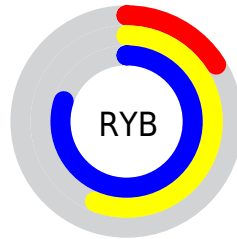
The XYZ color **26.7143, 44.9609, 30.5629** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **28.1297, 15.3660, 15.6723**, and the grayscale version is **27.7467, 29.1917, 31.7897**.

A 20% lighter version of the original color is **51.9937, 78.8151, 61.1877**, and **12.2696, 21.8517, 12.3752** is the 20% darker color. If you saturate the color by 10%, you get **25.5302, 44.4179, 27.5143**, and if you desaturate by 10%, it is **28.3646, 45.7412, 33.8793**.

Distribution



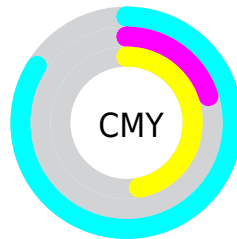
- Red (16%)
- Green (80%)
- Blue (53%)



- Red (16%)
- Yellow (56%)
- Blue (80%)



- Cyan (80%)
- Magenta (0%)
- Yellow (33%)
- Black (20%)




- Cyan (84%)
- Magenta (20%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7143, 44.9609, 30.5629 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 26.7143, 44.9609, 30.5629 by changing the saturation by 10% instead.


 26.7143, 44.9609,
30.5629


 26.7143, 44.9609,
30.5629


278.4640,
366.6152, 318.8081


 17.4942, 31.4266,
20.0106


 53.8482, 82.6617,
61.6227


 10.6850, 20.9239,
12.2186


 72.4928, 107.5971,
82.9673


 5.9211, 13.0684,
6.7684


 95.0095, 137.1016,
108.7464

 2.8374, 7.4757,
3.2414

 121.7639,
171.5596, 139.3785

 1.0684, 3.7613,
1.2192

 153.1211,
211.3556, 175.2822

 0.0000, 1.5410,
0.0000

189.4467,

 0.0000, 0.3173,

256.8740, 216.8760

0.0000

231.1058,
308.4990, 264.5785

■ 0.0000, 0.0000,
0.0000

■ 26.7143, 44.9609,
30.5629

■ 26.7143, 44.9609,
30.5629

■ 25.5302, 44.4179,
27.5143

■ 28.3646, 45.7412,
33.8793

■ 24.7042, 44.0531,
24.7200


■ 30.5350, 46.7828,
37.4686


■ 24.6891, 44.0465,
24.6669


■ 33.2754, 48.1127,
41.3391


■ 36.6286, 49.7528,
45.4981

■ 40.6332, 51.7228,
49.9521

 45.3246, 54.0410,
54.7076

 50.7355, 56.7239,
59.7709

 56.8962, 59.7872,
65.1478

 63.8357, 63.2458,
70.8442

Harmonies

Analogous

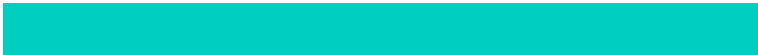
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.5214, 44.9609, 16.2894



26.7143, 44.9609, 30.5629



25.8204, 44.9609, 57.5393

Triad

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



26.7143, 44.9609, 30.5629



45.6348, 44.9609, 130.4820



60.4927, 44.9609, 21.3910

Complementary

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



26.7143, 44.9609, 30.5629



28.1297, 15.3660, 15.6723

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.



65.7758, 44.9609, 41.2696



26.7143, 44.9609, 30.5629



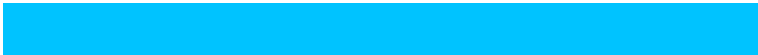
56.3327, 44.9609, 109.3125

Square

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



26.7143, 44.9609, 30.5629



35.7063, 44.9609, 123.7917



64.1411, 44.9609, 73.5502



50.6281, 44.9609, 12.6905

Rectangle

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



26.7143, 44.9609, 30.5629



27.3994, 44.9609, 81.2933



64.1411, 44.9609, 73.5502



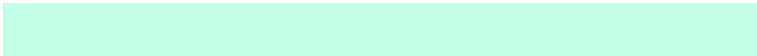
62.9306, 44.9609, 26.5808

Sweetspot

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



26.7155, 44.9627, 30.5639



72.1960, 88.6586, 87.9412



28.0029, 46.0935, 9.5192



14.8580, 18.6828, 18.2129



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.



26.7155, 44.9627, 30.5639



41.6998, 73.9107, 42.5324



30.0007, 41.3957, 62.9111



11.3393, 12.6455, 13.3444



15.7577, 28.0484, 15.9409



0.8501, 1.4619, 1.0184

Inverse Universe

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



28.1297, 15.3660, 15.6723



44.2446, 22.6390, 17.2061



26.3726, 15.5426, 3.7083



11.4015, 11.2893, 12.6490



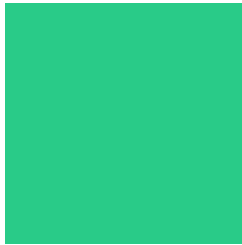
16.7339, 8.5041, 6.3172



0.9008, 0.4537, 0.5233

Previews

White Background



This preview shows how the XYZ color 26.7143, 44.9609, 30.5629 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 26.7143, 44.9609, 30.5629 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 26.7143, 44.9609, 30.5629

Background



This preview shows how black text looks on a background with the XYZ color 26.7143, 44.9609, 30.5629.

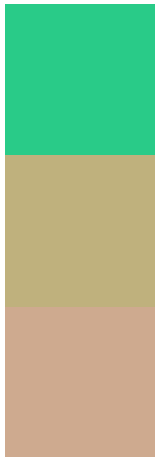


This preview shows how white text looks on a background with the XYZ color 26.7143, 44.9609,

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

26.7143, 44.9609, 30.5629

Protanopia

40.9097, 44.0013, 25.7390

Deuteranopia

44.7862, 43.8544, 32.0909



Tritanopia

34.1491, 44.8990, 67.8393

Trichromacy



Original Color

26.7143, 44.9609, 30.5629



Protanomaly

31.6747, 41.9370, 27.1941



Deuteranomaly

33.3156, 41.4603, 31.0577



Tritanomaly

30.6935, 44.4752, 51.7666

Monochromacy



Original Color

26.7143, 44.9609, 30.5629



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

24.9610, 32.8087, 31.0037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7143, 44.9609, 30.5629 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(41, 203, 136)` looks like.

```
.text, #text, p{  
    color:rgb(41, 203, 136)  
}
```

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(41, 203, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 203, 136) }
```

Border

The CSS property to change the border of an element to XYZ 26.7143, 44.9609, 30.5629 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(41, 203, 136) }
```


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

```
.border{ border-color:rgb(41, 203, 136) }
```

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

Here you see how a box with a 4 pixel rgb(41, 203, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 203, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 203, 136);  
box-shadow:4px 4px 4px 4px rgb(41, 203,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7143, 44.9609, 30.5629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 203, 136) }
```

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

```
.background{ background-color: rgb(41, 203,  
136) }
```

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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