

Converting Colors

XYZ(26.5337, 27.1165, 2.0546)

Have a look what the booklet for
XYZ(26.5337, 27.1165, 2.0546)
contains.

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Color

**XYZ(26.9930, 27.4071,
3.8674)**

Conversions

Conversions Part 1

Format	Color
Hex	B08A00
RGB	176, 138, 0
RGB Percent	69%, 54%, 0%
CMY	0.3098, 0.4588, 1.0000
CMYK	0.00, 0.22, 1.00, 0.31
HSL	47°, 100%, 35%
HSV	47°, 100%, 69%
XYZ	26.9930, 27.4071, 3.8674
YIQ	133.6300, 66.9460, -34.8620

Conversions

Conversions Part 2

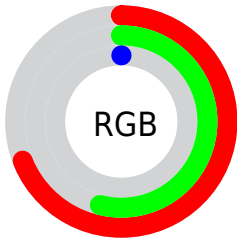
Format	Color
RYB	48, 176, 0
Decimal	11569664
CIELab	59.35, 3.87, 64.17
CIElCh	59, 64.286, 86.545
Yxy	27.4071, 0.4633, 0.4704
Android (android.graphics.Color)	4289759744 (0xFFB08A00)
YUV	133.6300, -65.8796, 37.1585
Hunter-Lab	52.3518, 0.4204, 32.2663

Details

The XYZ color **26.9930, 27.4071, 3.8674** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **8.5298, 4.5211, 41.4971**, and the grayscale version is **22.7420, 23.9264, 26.0558**.

A 20% lighter version of the original color is **54.3284, 55.5367, 13.6506**, and **11.1801, 11.0667, 1.5468** is the 20% darker color. If you saturate the color by 10%, you get **26.9932, 27.4078, 3.8675**, and if you desaturate by 10%, it is **27.6543, 28.5604, 4.6108**.

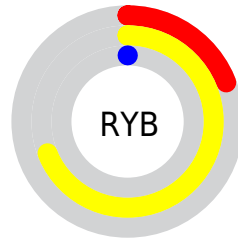
Distribution



Red (69%)

Green (54%)

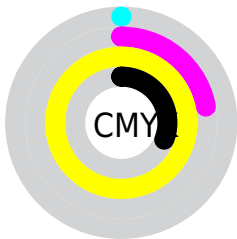
Blue (0%)



Red (19%)

Yellow (69%)

Blue (0%)

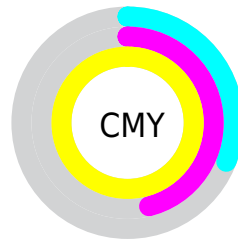


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9930, 27.4071, 3.8674 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 26.9930, 27.4071, 3.8674 by changing the saturation by 10% instead.

■ 26.9930, 27.4071,
3.8674

■ 26.9930, 27.4071,
3.8674

279.7914,
289.6229, 146.7399

■ 17.7045, 17.8792,
1.5529

■ 54.2926, 55.5364,
13.7028

■ 10.8365, 10.8633,
0.2569

■ 73.0344, 74.9067,
22.0607

■ 6.0235, 5.9750,
0.0000

■ 95.6581, 98.3265,
33.2702

■ 2.9001, 2.8299,
0.0000

■ 122.5290,
126.1803, 47.7498

■ 1.1012, 1.0436,
0.0000

■ 154.0124,
158.8524, 65.9180


■ 0.0261, 0.0000,
0.0000


■ 190.4737,


■ 0.0000, 0.0000,


196.7273, 88.1934


0.0000


 232.2782,
240.1893, 114.9945


 26.9930, 27.4071,
3.8674


 26.9930, 27.4071,
3.8674


 26.9932, 27.4078,
3.8675

 27.6543, 28.5604,
4.6108

 28.4289, 29.7886,
5.8579

 29.3541, 31.1083,
7.8026

 30.4474, 32.5266,
10.5359

 31.7237, 34.0498,
14.1349

■ 33.1961, 35.6835,
18.6675

■ 34.8762, 37.4325,
24.1948

■ 36.7749, 39.3015,
30.7728

■ 38.9022, 41.2947,
38.4532

Harmonies

Analogous

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



35.5415, 27.4071, 6.0402



26.9930, 27.4071, 3.8674



19.7302, 27.4071, 5.1658

Triad

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



26.9930, 27.4071, 3.8674



14.5174, 27.4071, 54.3407



41.2040, 27.4071, 61.5321

Complementary

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



26.9930, 27.4071, 3.8674



8.5298, 4.5211, 41.4971

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.



33.5921, 27.4071, 89.6050



26.9930, 27.4071, 3.8674



18.4188, 27.4071, 84.1624

Square

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



26.9930, 27.4071, 3.8674



13.4589, 27.4071, 27.2507



25.1285, 27.4071, 99.5007



44.7417, 27.4071, 32.5919

Rectangle

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



26.9930, 27.4071, 3.8674



16.3569, 27.4071, 8.5659



25.1285, 27.4071, 99.5007



38.9692, 27.4071, 71.8578

Sweetspot

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



26.9936, 27.4085, 3.8679



63.0829, 67.7169, 43.3025



18.2566, 9.3711, 2.6922



13.3913, 14.3882, 8.4515



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.9936, 27.4085, 3.8679



48.7847, 49.3640, 6.9570



24.1495, 35.4964, 5.5790



9.0383, 9.5891, 9.0270



19.8496, 20.1977, 2.8524



0.6634, 0.7132, 0.1027

Inverse Universe

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



8.5298, 4.5211, 41.4971



15.3341, 7.9278, 75.2173



9.1457, 3.8097, 41.3273



8.1858, 8.5178, 10.7190



6.2945, 3.3894, 30.4594



0.2407, 0.1919, 0.9726

Previews

White Background



This preview shows how the XYZ color 26.9930, 27.4071, 3.8674 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9930, 27.4071, 3.8674 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 × Fail

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

XYZ 26.9930, 27.4071, 3.8674

Background



This preview shows how black text looks on a background with the XYZ color 26.9930, 27.4071, 3.8674.



This preview shows how white text looks on a background with the XYZ color 26.9930, 27.4071,

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

26.9930, 27.4071, 3.8674

Protanopia

24.9174, 27.6454, 4.2525

Deuteranopia

27.9150, 27.4540, 4.1150



Tritanopia

31.8351, 27.3406, 27.6441

Trichromacy



Original Color

26.9930, 27.4071, 3.8674

Protanomaly

25.6367, 27.5724, 4.1144

Deuteranomaly

27.5689, 27.4882, 4.0250

Tritanomaly

28.8351, 26.9104, 12.9070

Monochromacy



Original Color

26.9930, 27.4071, 3.8674

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.6981, 24.3734, 12.1025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9930, 27.4071, 3.8674 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(176, 138, 0)` looks like.

```
.text, #text, p{  
    color:rgb(176, 138, 0)  
}
```

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(176, 138, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 138, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.9930, 27.4071, 3.8674 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(176, 138, 0) }
```


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

```
.border{ border-color:rgb(176, 138, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 138, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 138, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 138, 0);  
box-shadow:4px 4px 4px 4px rgb(176, 138,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9930, 27.4071, 3.8674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 138, 0) }
```

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

```
.background{ background-color: rgb(176,  
138, 0) }
```

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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