

Converting Colors

XYZ(26.3199, 27.8873, 1.4700)

Have a look what the booklet for
XYZ(26.3199, 27.8873, 1.4700)
contains.

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Color

**XYZ(26.9066, 28.2302,
4.0309)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | AD8E00 |
| RGB | 173, 142, 0 |
| RGB Percent | 68%, 56%, 0% |
| CMY | 0.3216, 0.4431, 0.9999 |
| CMYK | 0.00, 0.18, 1.00, 0.32 |
| HSL | 49°, 100%, 34% |
| HSV | 49°, 100%, 68% |
| XYZ | 26.9066, 28.2302, 4.0309 |
| YIQ | 135.0810, 64.0580, -37.5900 |

Conversions

Conversions Part 2

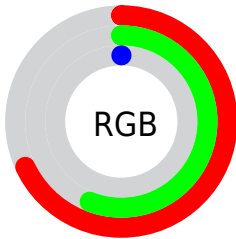
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 38, 173, 0 |
| Decimal | 11374080 |
| CIELab | 60.10, 0.30, 64.54 |
| CIElCh | 60, 64.544, 89.730 |
| Yxy | 28.2302, 0.4548, 0.4771 |
| Android (android.graphics.Color) | 4289564160 (0xFFAD8E00) |
| YUV | 135.0810, -66.5949, 33.2550 |
| Hunter-Lab | 53.1321, -2.5871, 32.6944 |

Details

The XYZ color **26.9066, 28.2302, 4.0309** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **8.0331, 3.9976, 39.8831**, and the grayscale version is **23.2833, 24.4959, 26.6760**.

A 20% lighter version of the original color is **53.9311, 56.6410, 14.0516**, and **11.0296, 11.3673, 1.6128** is the 20% darker color. If you saturate the color by 10%, you get **26.9068, 28.2309, 4.0310**, and if you desaturate by 10%, it is **27.4785, 29.2083, 4.7327**.

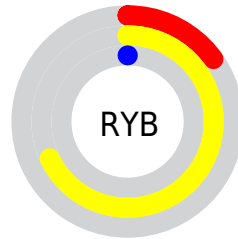
Distribution



Red (68%)

Green (56%)

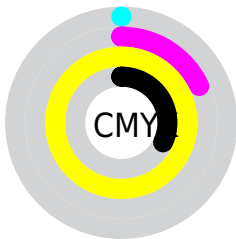
Blue (0%)



Red (15%)

Yellow (68%)

Blue (0%)

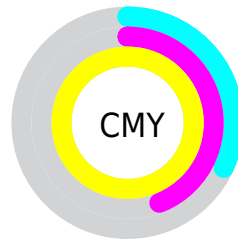


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (32%)



Cyan (32%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9066, 28.2302, 4.0309 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 26.9066, 28.2302, 4.0309 by changing the saturation by 10% instead.

■ 26.9066, 28.2302,
4.0309

■ 26.9066, 28.2302,
4.0309

279.3804,
293.5653, 148.5682

■ 17.6393, 18.4993,
1.6423

■ 54.1549, 56.8518,
14.0810

■ 10.7895, 11.3090,
0.3207

■ 72.8666, 76.5112,
22.5795

■ 5.9917, 6.2751,
0.0000

■ 95.4572, 100.2489,
33.9518

■ 2.8806, 3.0131,
0.0000

■ 122.2920,
128.4492, 48.6164

■ 1.0910, 1.1386,
0.0000

■ 153.7364,
161.4966, 66.9918


■ 0.0175, 0.0106,
0.0000


■ 190.1556,


■ 0.0000, 0.0000,


199.7755, 89.4965


0.0000


 231.9152,
243.6703, 116.5491


 26.9066, 28.2302,
4.0309


 26.9066, 28.2302,
4.0309


 26.9068, 28.2309,
4.0310

 27.4785, 29.2083,
4.7327

 28.1531, 30.2471,
5.9146

 28.9669, 31.3625,
7.7654

 29.9366, 32.5611,
10.3720

 31.0762, 33.8490,
13.8084

■ 32.3983, 35.2310,
18.1396

■ 33.9139, 36.7121,
23.4241

■ 35.6334, 38.2962,
29.7156

■ 37.5663, 39.9875,
37.0635

Harmonies

Analogous

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



35.6347, 28.2302, 5.8472



26.9066, 28.2302, 4.0309



19.7182, 28.2302, 5.7769

Triad

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



26.9066, 28.2302, 4.0309



15.2935, 28.2302, 59.1700



42.9691, 28.2302, 59.7442

Complementary

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



26.9066, 28.2302, 4.0309



8.0331, 3.9976, 39.8831

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.



35.4788, 28.2302, 89.3563



26.9066, 28.2302, 4.0309



19.6133, 28.2302, 88.9220

Square

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



26.9066, 28.2302, 4.0309



13.9046, 28.2302, 30.5248



26.7575, 28.2302, 102.0784



45.9932, 28.2302, 30.9520

Rectangle

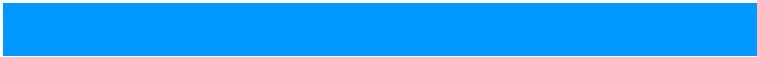
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.9066, 28.2302, 4.0309



16.4697, 28.2302, 9.7509



26.7575, 28.2302, 102.0784



40.8236, 28.2302, 70.3739

Sweetspot

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



26.9072, 28.2316, 4.0315



60.5853, 65.6044, 41.4038



17.4906, 8.9873, 2.1600



12.9188, 14.0188, 8.1231



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.9072, 28.2316, 4.0315



48.0452, 50.2725, 7.1713



22.4447, 33.7540, 5.3326



8.5388, 9.0824, 8.5164



19.8049, 20.8154, 2.9739



0.5823, 0.6418, 0.0932

Inverse Universe

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



8.0331, 3.9976, 39.8831



14.2747, 6.9351, 71.3920



9.1071, 3.8238, 39.7930



7.6907, 7.9807, 10.0878



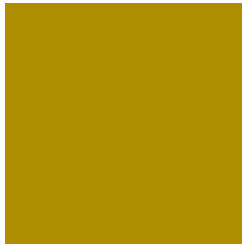
5.9323, 2.9984, 29.3106



0.1988, 0.1509, 0.8266

Previews

White Background



This preview shows how the XYZ color 26.9066, 28.2302, 4.0309 looks on a white background.

Color Contrast Check

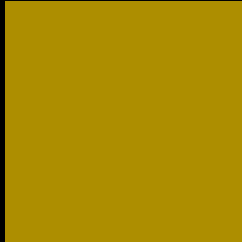
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9066, 28.2302, 4.0309 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 26.9066, 28.2302, 4.0309

Background



This preview shows how black text looks on a background with the XYZ color 26.9066, 28.2302, 4.0309.

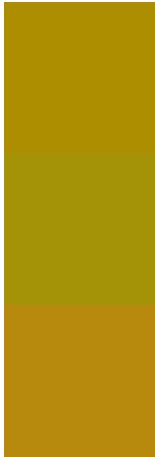


This preview shows how white text looks on a background with the XYZ color 26.9066, 28.2302,

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

26.9066, 28.2302, 4.0309

Protanopia

25.6271, 28.4656, 4.3447

Deuteranopia

28.6962, 28.2759, 4.3608



Tritanopia

32.1898, 28.2793, 29.3530

Trichromacy



Original Color

26.9066, 28.2302, 4.0309

Protanomaly

26.0837, 28.4751, 4.2363

Deuteranomaly

27.8723, 28.0687, 4.2072

Tritanomaly

29.0097, 27.8115, 13.5120

Monochromacy



Original Color

26.9066, 28.2302, 4.0309

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.1626, 25.2384, 12.4548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9066, 28.2302, 4.0309 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(173, 142, 0)` looks like.

```
.text, #text, p{  
    color:rgb(173, 142, 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(173, 142, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 142, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.9066, 28.2302, 4.0309 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(173, 142, 0) }
```


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

```
.border{ border-color:rgb(173, 142, 0) }
```

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

Here you see how a box with a 4 pixel rgb(173, 142, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 142, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 142, 0);  
box-shadow:4px 4px 4px 4px rgb(173, 142,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9066, 28.2302, 4.0309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 142, 0) }
```

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

```
.background{ background-color: rgb(173,  
142, 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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