

# Converting Colors

XYZ(26.3920, 28.4887, 4.0081)

Have a look what the booklet for  
XYZ(26.3920, 28.4887, 4.0081)  
contains.

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# Color

**XYZ(26.3354, 28.3815,  
4.0902)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A99000
RGB	169, 144, 0
RGB Percent	66%, 56%, 0%
CMY	0.3373, 0.4353, 0.9999
CMYK	0.00, 0.15, 1.00, 0.34
HSL	51°, 100%, 33%
HSV	51°, 100%, 66%
XYZ	26.3354, 28.3815, 4.0902
YIQ	135.0590, 61.1240, -39.4840

# Conversions

## Conversions Part 2

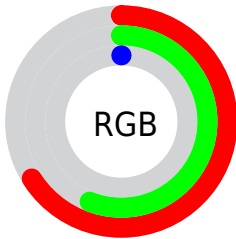
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	29, 169, 0
Decimal	11112448
CIELab	60.23, -2.62, 64.45
CIElCh	60, 64.505, 92.329
Yxy	28.3815, 0.4478, 0.4826
Android (android.graphics.Color)	4289302528 (0xFFA99000)
YUV	135.0590, -66.5841, 29.7663
Hunter-Lab	53.2743, -4.9910, 32.7399

# Details

The XYZ color **26.3354, 28.3815, 4.0902** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.5093, 3.5602, 37.8271**, and the grayscale version is **23.2758, 24.4880, 26.6674**.

A 20% lighter version of the original color is **53.0985, 56.8814, 14.1419**, and **10.6848, 11.4502, 1.6470** is the 20% darker color. If you saturate the color by 10%, you get **26.3357, 28.3823, 4.0903**, and if you desaturate by 10%, it is **26.8193, 29.1887, 4.7472**.

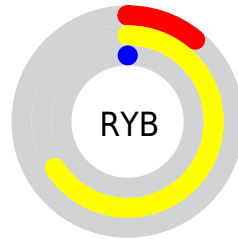
# Distribution



Red (66%)

Green (56%)

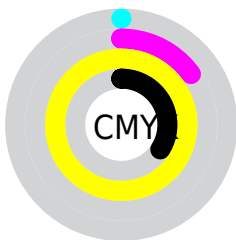
Blue (0%)



Red (11%)

Yellow (66%)

Blue (0%)

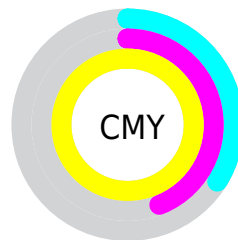


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (34%)



Cyan (34%)

Magenta (44%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3354, 28.3815, 4.0902 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 26.3354, 28.3815, 4.0902 by changing the saturation by 10% instead.



■ 26.3354, 28.3815,  
4.0902

■ 26.3354, 28.3815,  
4.0902

276.6513,  
294.2854, 149.2227

■ 17.2087, 18.6134,  
1.6750

■ 53.2430, 57.0930,  
14.2173

■ 10.4796, 11.3913,  
0.3435

■ 71.7546, 76.8051,  
22.7662

■ 5.7828, 6.3307,  
0.0000

■ 94.1253, 100.6008,  
34.1967

■ 2.7529, 3.0472,  
0.0000

■ 120.7203,  
128.8644, 48.9274

■ 1.0245, 1.1564,  
0.0000

■ 151.9050,  
161.9802, 67.3768


■ 0.0000, 0.0257,  
0.0000


■ 188.0449,


■ 0.0000, 0.0000,


200.3327, 89.9635


0.0000


 229.5052,  
244.3063, 117.1059


 26.3354, 28.3815,  
4.0902


 26.3354, 28.3815,  
4.0902


 26.3357, 28.3823,  
4.0903

 26.8193, 29.1887,  
4.7472

 27.3961, 30.0455,  
5.8547

 28.1011, 30.9671,  
7.5950

 28.9497, 31.9598,  
10.0501

 29.9554, 33.0291,  
13.2896

■ 31.1298, 34.1798,  
17.3748

■ 32.4834, 35.4160,  
22.3610

■ 34.0259, 36.7417,  
28.2987

■ 35.7663, 38.1607,  
35.2347

# Harmonies

## Analogous

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



35.0468, 28.3815, 5.5841



26.3354, 28.3815, 4.0902



19.3405, 28.3815, 6.1960

# Triad

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



26.3354, 28.3815, 4.0902



15.6550, 28.3815, 62.1793



43.6337, 28.3815, 57.2143

# Complementary

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



26.3354, 28.3815, 4.0902



7.5093, 3.5602, 37.8271

# 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.



36.3949, 28.3815, 87.4975



26.3354, 28.3815, 4.0902



20.2500, 28.3815, 91.2498

# Square

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



26.3354, 28.3815, 4.0902



14.0119, 28.3815, 32.7884



27.6264, 28.3815, 102.3018



46.1670, 28.3815, 29.0906



# Rectangle

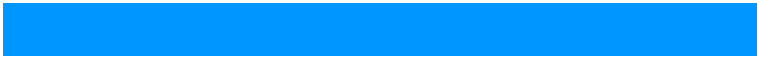
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.3354, 28.3815, 4.0902



16.2535, 28.3815, 10.6027



27.6264, 28.3815, 102.3018



41.6060, 28.3815, 67.8825

# Sweetspot

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



26.3360, 28.3829, 4.0908



58.0361, 63.3041, 39.5184



16.5415, 8.5070, 1.7104



12.4294, 13.5997, 7.7934



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656



# Same Dimension

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



26.3360, 28.3829, 4.0908



47.0452, 50.5895, 7.2852



20.6001, 31.6813, 5.0297



8.0509, 8.5819, 8.0214



19.6586, 21.2145, 3.0587



0.5031, 0.5658, 0.0827



# Inverse Universe

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



7.5093, 3.5602, 37.8271



13.3541, 6.1870, 67.7155



8.9745, 3.7995, 37.7961



7.2180, 7.4730, 9.4803



5.6219, 2.7040, 28.2011

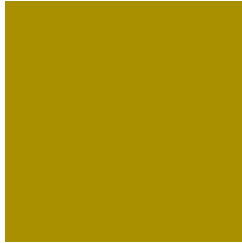


0.1626, 0.1174, 0.6947



# Previews

## White Background



This preview shows how the XYZ color 26.3354, 28.3815, 4.0902 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

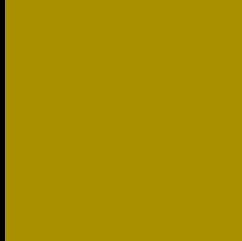
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 26.3354, 28.3815, 4.0902 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 26.3354, 28.3815, 4.0902**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.3354, 28.3815, 4.0902.



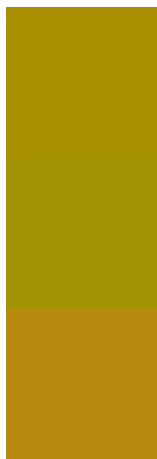
This preview shows how white text looks on a background with the XYZ color 26.3354, 28.3815,



# 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

26.3354, 28.3815, 4.0902

### Protanopia

25.6161, 28.4612, 4.2870

### Deuteranopia

28.9492, 28.4047, 4.4471



## Tritanopia

31.6906, 28.4109, 30.1991

# Trichromacy



## Original Color

26.3354, 28.3815, 4.0902

## Protanomaly

25.8677, 28.3644, 4.1976

## Deuteranomaly

28.0233, 28.3618, 4.2845

## Tritanomaly

28.4758, 27.9483, 14.0189

# Monochromacy



## Original Color

26.3354, 28.3815, 4.0902

## Achromatopsia

23.0288, 24.2281, 26.3844

## Achromatomaly

22.8008, 25.0519, 12.4379

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.3354, 28.3815, 4.0902 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(169, 144, 0)` looks like.

```
.text, #text, p{  
    color:rgb(169, 144, 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(169, 144, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 144, 0) }
```

## Border

The CSS property to change the border of an element to XYZ 26.3354, 28.3815, 4.0902 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(169, 144, 0) }
```



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

```
.border{ border-color:rgb(169, 144, 0) }
```

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

Here you see how a box with a 4 pixel rgb(169, 144, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 144, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 144, 0);  
box-shadow:4px 4px 4px 4px rgb(169, 144,  
0) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.3354, 28.3815, 4.0902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 144, 0) }
```

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

```
.background{ background-color: rgb(169,  
144, 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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