

Converting Colors

XYZ(26.7675, 28.5770, 4.3504)

Have a look what the booklet for
XYZ(26.7675, 28.5770, 4.3504)
contains.

XYZ(26.8172, 28.6242, 4.3700)	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(26.8172, 28.6242,
4.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9009
RGB	171, 144, 9
RGB Percent	67%, 56%, 4%
CMY	0.3294, 0.4353, 0.9647
CMYK	0.00, 0.16, 0.95, 0.33
HSL	50°, 90%, 35%
HSV	50°, 95%, 67%
XYZ	26.8172, 28.6242, 4.3700
YIQ	136.6830, 59.4270, -36.2610

Conversions

Conversions Part 2

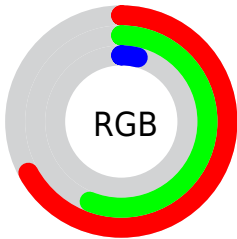
Format	Color
R_{YB}	41, 171, 9
Decimal	11243529
CIE Lab	60.45, -1.58, 63.33
CIE LCh	60, 63.352, 91.428
Yxy	28.6242, 0.4484, 0.4786
Android (android.graphics.Color)	4289433609 (0xFFAB9009)
YUV	136.6830, -62.9477, 30.0960
Hunter-Lab	53.5016, -4.1562, 32.6083

Details

The XYZ color **26.8172, 28.6242, 4.3700** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **8.0944, 4.2604, 38.9236**, and the grayscale version is **23.8735, 25.1168, 27.3522**.

A 20% lighter version of the original color is **53.8694, 57.2635, 14.8703**, and **10.9421, 11.5828, 1.6590** is the 20% darker color. If you saturate the color by 10%, you get **26.5426, 28.1540, 4.0353**, and if you desaturate by 10%, it is **27.3933, 29.5551, 5.2447**.

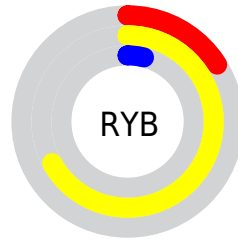
Distribution



Red (67%)

Green (56%)

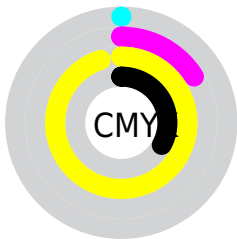
Blue (4%)



Red (16%)

Yellow (67%)

Blue (4%)

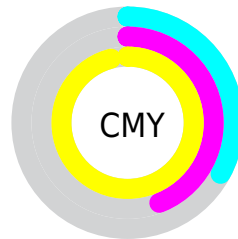


Cyan (0%)

Magenta (16%)

Yellow (95%)

Black (33%)



Cyan (33%)

Magenta (44%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8172, 28.6242, 4.3700 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 26.8172, 28.6242, 4.3700 by changing the saturation by 10% instead.

■ 26.8172, 28.6242,
4.3700

■ 26.8172, 28.6242,
4.3700

278.9547,
295.4377, 152.2532

■ 17.5719, 18.7967,
1.8304

■ 54.0124, 57.4795,
14.8545

■ 10.7409, 11.5235,
0.4479

■ 72.6929, 77.2761,
23.6365

■ 5.9589, 6.4201,
0.0000

■ 95.2492, 101.1645,
35.3364

■ 2.8605, 3.1022,
0.0000

■ 122.0466,
129.5291, 50.3727

■ 1.0804, 1.1853,
0.0000

■ 153.4505,
162.7543, 69.1640


■ 0.0086, 0.0497,
0.0000


■ 189.8262,


■ 0.0000, 0.0000,


201.2246, 92.1288


0.0000


 231.5392,
245.3242, 119.6857


 26.8172, 28.6242,
4.3700


 26.8172, 28.6242,
4.3700


 26.5426, 28.1540,
4.0353

 27.3933, 29.5551,
5.2447

 28.0936, 30.5522,
6.7222

 28.9366, 31.6240,
8.8969

 29.9371, 32.7767,
11.8459

 31.1079, 34.0153,
15.6360

■ 32.4602, 35.3446,
20.3269

■ 34.0046, 36.7689,
25.9727

■ 35.7504, 38.2921,
32.6234

■ 37.7067, 39.9179,
40.3254

Harmonies

Analogous

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



35.4223, 28.6242, 6.0151



26.8172, 28.6242, 4.3700



19.8171, 28.6242, 6.3970

Triad

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



26.8172, 28.6242, 4.3700



15.8933, 28.6242, 60.9632



43.4449, 28.6242, 57.9789

Complementary

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



26.8172, 28.6242, 4.3700



8.0944, 4.2604, 38.9236

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.



36.2362, 28.6242, 87.3908



26.8172, 28.6242, 4.3700



20.3706, 28.6242, 89.6371

Square

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



26.8172, 28.6242, 4.3700



14.3414, 28.6242, 32.3005



27.5994, 28.6242, 101.1364



46.1014, 28.6242, 30.0601

Rectangle

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



26.8172, 28.6242, 4.3700



16.6899, 28.6242, 10.7052



27.5994, 28.6242, 101.1364



41.4111, 28.6242, 68.4222

Sweetspot

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



26.8178, 28.6256, 4.3706



59.8183, 64.8711, 42.5035



17.2109, 8.9809, 2.4961



13.0832, 14.2287, 8.5446



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.



26.8178, 28.6256, 4.3706



47.4021, 50.1535, 7.1822



21.9487, 32.9275, 5.4576



8.5474, 9.0996, 8.5193



20.0422, 21.2900, 3.0530



0.5872, 0.6516, 0.0948

Inverse Universe

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



8.0944, 4.2604, 38.9236



13.8254, 6.5872, 69.5447



9.4987, 4.1928, 38.8365



7.6828, 7.9649, 10.0852



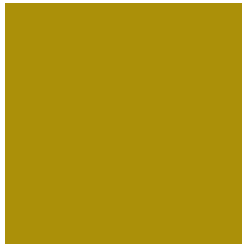
5.8905, 2.9149, 29.2967



0.1957, 0.1447, 0.8256

Previews

White Background



This preview shows how the XYZ color 26.8172, 28.6242, 4.3700 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 26.8172, 28.6242, 4.3700 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 26.8172, 28.6242, 4.3700

Background



This preview shows how black text looks on a background with the XYZ color 26.8172, 28.6242, 4.3700.



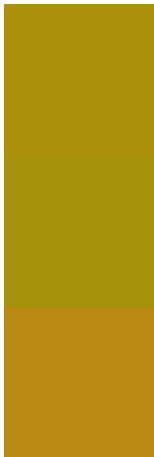
This preview shows how white text looks on a background with the XYZ color 26.8172, 28.6242,

4.3700.

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

26.8172, 28.6242, 4.3700

Protanopia

25.8507, 28.5790, 4.4410

Deuteranopia

28.9648, 28.4110, 4.5295



Tritanopia

32.1495, 28.6475, 30.2206

Trichromacy



Original Color

26.8172, 28.6242, 4.3700

Protanomaly

26.1165, 28.4882, 4.4094

Deuteranomaly

28.0547, 28.3744, 4.4501

Tritanomaly

29.0585, 28.2333, 14.7445

Monochromacy



Original Color

26.8172, 28.6242, 4.3700

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.6180, 25.8839, 13.4242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8172, 28.6242, 4.3700 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(171, 144, 9)` looks like.

```
.text, #text, p{  
    color:rgb(171, 144, 9)  
}
```

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(171, 144, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 144, 9) }
```

Border

The CSS property to change the border of an element to XYZ 26.8172, 28.6242, 4.3700 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(171, 144, 9) }
```


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

```
.border{ border-color:rgb(171, 144, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 144, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 144, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 144, 9);  
box-shadow:4px 4px 4px 4px rgb(171, 144,  
9) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8172, 28.6242, 4.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 144, 9) }
```

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

```
.background{ background-color: rgb(171,  
144, 9) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor