

Converting Colors

XYZ(26.7131, 28.5850, 4.0082)

Have a look what the booklet for
XYZ(26.7131, 28.5850, 4.0082)
contains.

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Color

**XYZ(26.7678, 28.6044,
4.1104)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | AB9000 |
| RGB | 171, 144, 0 |
| RGB Percent | 67%, 56%, 0% |
| CMY | 0.3294, 0.4353, 1.0000 |
| CMYK | 0.00, 0.16, 1.00, 0.33 |
| HSL | 51°, 100%, 34% |
| HSV | 51°, 100%, 67% |
| XYZ | 26.7678, 28.6044, 4.1104 |
| YIQ | 135.6570, 62.3160, -39.0600 |

Conversions

Conversions Part 2

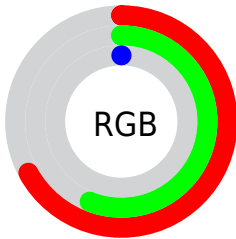
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 32, 171, 0 |
| Decimal | 11243520 |
| CIELab | 60.43, -1.70, 64.69 |
| CIELCh | 60, 64.708, 91.509 |
| Yxy | 28.6044, 0.4500, 0.4809 |
| Android (android.graphics.Color) | 4289433600 (0xFFAB9000) |
| YUV | 135.6570, -66.8789, 30.9958 |
| Hunter-Lab | 53.4831, -4.2578, 32.8815 |

Details

The XYZ color **26.7678, 28.6044, 4.1104** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **7.7428, 3.7245, 38.8385**, and the grayscale version is **23.5003, 24.7242, 26.9246**.

A 20% lighter version of the original color is **53.7367, 57.2104, 14.1717**, and **10.9421, 11.5828, 1.6590** is the 20% darker color. If you saturate the color by 10%, you get **26.7681, 28.6052, 4.1105**, and if you desaturate by 10%, it is **27.2843, 29.4742, 4.7860**.

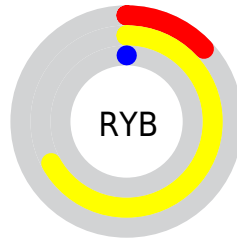
Distribution



Red (67%)

Green (56%)

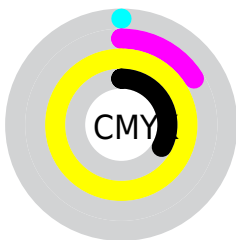
Blue (0%)



Red (13%)

Yellow (67%)

Blue (0%)

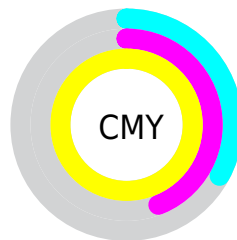


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7678, 28.6044, 4.1104 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 26.7678, 28.6044, 4.1104 by changing the saturation by 10% instead.

■ 26.7678, 28.6044,
4.1104

■ 26.7678, 28.6044,
4.1104

278.7192,
295.3438, 149.4447

■ 17.5346, 18.7818,
1.6861

■ 53.9336, 57.4480,
14.2636

■ 10.7140, 11.5127,
0.3512

■ 72.5968, 77.2377,
22.8296

■ 5.9408, 6.4128,
0.0000

■ 95.1341, 101.1185,
34.2798

■ 2.8494, 3.0977,
0.0000

■ 121.9109,
129.4749, 49.0329

■ 1.0746, 1.1829,
0.0000

■ 153.2924,
162.6913, 67.5074


■ 0.0037, 0.0477,
0.0000


■ 189.6441,


■ 0.0000, 0.0000,


201.1519, 90.1219


0.0000


 231.3312,
245.2413, 117.2948


 26.7678, 28.6044,
4.1104


 26.7678, 28.6044,
4.1104


 26.7681, 28.6052,
4.1105

 27.2843, 29.4742,
4.7860

 27.8977, 30.3975,
5.9264

 28.6439, 31.3897,
7.7172

 29.5390, 32.4575,
10.2430

 30.5967, 33.6063,
13.5753

■ 31.8291, 34.8412,
17.7774

■ 33.2469, 36.1666,
22.9061

■ 34.8602, 37.5865,
29.0136

■ 36.6781, 39.1047,
36.1479

Harmonies

Analogous

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



35.5678, 28.6044, 5.7203



26.7678, 28.6044, 4.1104



19.6449, 28.6044, 6.1198

Triad

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



26.7678, 28.6044, 4.1104



15.6890, 28.6044, 61.8047



43.8382, 28.6044, 58.5576

Complementary

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



26.7678, 28.6044, 4.1104



7.7428, 3.7245, 38.8385

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.



36.4493, 28.6044, 88.9214



26.7678, 28.6044, 4.1104



20.2394, 28.6044, 91.3760

Square

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



26.7678, 28.6044, 4.1104



14.1116, 28.6044, 32.3696



27.6118, 28.6044, 103.2073



46.5525, 28.6044, 29.9523

Rectangle

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



26.7678, 28.6044, 4.1104



16.4774, 28.6044, 10.4278



27.6118, 28.6044, 103.2073



41.7533, 28.6044, 69.3168

Sweetspot

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



26.7684, 28.6058, 4.1110



59.3990, 64.6414, 40.4868



17.0103, 8.7444, 1.9222



13.0068, 14.1949, 8.1525



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.



26.7684, 28.6058, 4.1110



47.8116, 50.9726, 7.3187



21.5027, 32.7032, 5.1794



8.5534, 9.1116, 8.5213



20.2110, 21.6276, 3.1093



0.5906, 0.6585, 0.0960

Inverse Universe

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



7.7428, 3.7245, 38.8385



13.7665, 6.4694, 69.5250



9.0385, 3.8106, 38.7868



7.6772, 7.9539, 10.0833



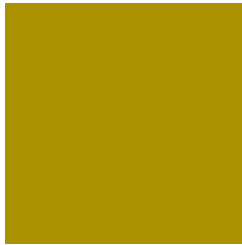
5.8629, 2.8596, 29.2875



0.1935, 0.1403, 0.8249

Previews

White Background



This preview shows how the XYZ color 26.7678, 28.6044, 4.1104 looks on a white background.

Color Contrast Check

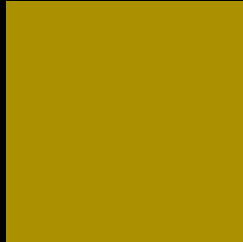
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7678, 28.6044, 4.1104 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 26.7678, 28.6044, 4.1104

Background



This preview shows how black text looks on a background with the XYZ color 26.7678, 28.6044, 4.1104.

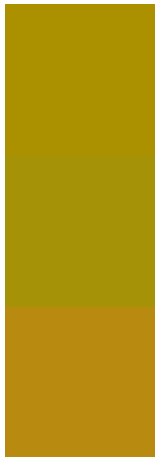


This preview shows how white text looks on a background with the XYZ color 26.7678, 28.6044,

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

26.7678, 28.6044, 4.1104

Protanopia

25.8288, 28.5703, 4.3256

Deuteranopia

28.9492, 28.4047, 4.4471



Tritanopia

32.1495, 28.6475, 30.2206

Trichromacy



Original Color

26.7678, 28.6044, 4.1104

Protanomaly

26.0837, 28.4751, 4.2363

Deuteranomaly

28.0233, 28.3618, 4.2845

Tritanomaly

28.9247, 28.1798, 14.0400

Monochromacy



Original Color

26.7678, 28.6044, 4.1104

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.3473, 25.5429, 12.7166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7678, 28.6044, 4.1104 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, 0)` looks like.

```
.text, #text, p{  
    color:rgb(171, 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(171, 144, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 144, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.7678, 28.6044, 4.1104 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, 0) }
```


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

```
.border{ border-color:rgb(171, 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(171, 144, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 144, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 144, 0);  
box-shadow:4px 4px 4px 4px rgb(171, 144,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7678, 28.6044, 4.1104 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, 0) }
```

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

```
.background{ background-color: rgb(171,  
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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