

Converting Colors

XYZ(26.9852, 26.5446, 3.7013)

Have a look what the booklet for
XYZ(26.9852, 26.5446, 3.7013)
contains.

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Color

**XYZ(26.8852, 26.5152,
3.7009)**

Conversions

Conversions Part 1

Format	Color
Hex	B28600
RGB	178, 134, 0
RGB Percent	70%, 53%, 0%
CMY	0.3020, 0.4745, 1.0000
CMYK	0.00, 0.25, 1.00, 0.30
HSL	45°, 100%, 35%
HSV	45°, 100%, 70%
XYZ	26.8852, 26.5152, 3.7009
YIQ	131.8800, 69.2380, -32.3460

Conversions

Conversions Part 2

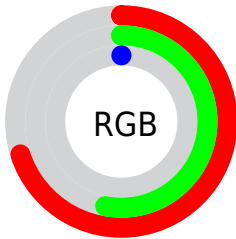
Format	Color
RYB	58, 178, 0
Decimal	11699712
CIELab	58.52, 7.00, 63.70
CIElCh	59, 64.085, 83.731
Yxy	26.5152, 0.4708, 0.4644
Android (android.graphics.Color)	4289889792 (0xFFB28600)
YUV	131.8800, -65.0168, 40.4472
Hunter-Lab	51.4929, 3.0849, 31.7837

Details

The XYZ color **26.8852, 26.5152, 3.7009** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **8.9367, 5.0159, 42.6163**, and the grayscale version is **22.0994, 23.2503, 25.3195**.

A 20% lighter version of the original color is **54.1357, 54.1600, 13.3950**, and **10.9942, 10.4901, 1.4453** is the 20% darker color. If you saturate the color by 10%, you get **26.8855, 26.5159, 3.7011**, and if you desaturate by 10%, it is **27.6142, 27.8013, 4.4748**.

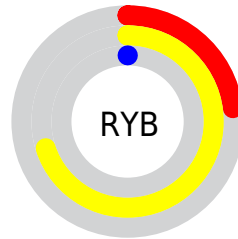
Distribution



Red (70%)

Green (53%)

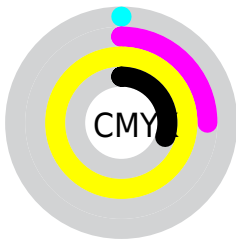
Blue (0%)



Red (23%)

Yellow (70%)

Blue (0%)

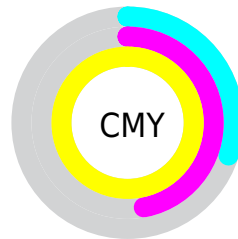


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8852, 26.5152, 3.7009 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 26.8852, 26.5152, 3.7009 by changing the saturation by 10% instead.

■ 26.8852, 26.5152,
3.7009

■ 26.8852, 26.5152,
3.7009

279.2785,
285.3021, 144.8405

■ 17.6232, 17.2095,
1.4627

■ 54.1208, 54.1049,
13.3139

■ 10.7778, 10.3839,
0.1899

■ 72.8250, 73.1577,
21.5257

■ 5.9838, 5.6543,
0.0000

■ 95.4074, 96.2283,
32.5659

■ 2.8758, 2.6360,
0.0000

■ 122.2333,
123.7011, 46.8530

■ 1.0884, 0.9448,
0.0000

■ 153.6680,
155.9605, 64.8054


■ 0.0154, 0.0000,
0.0000


■ 190.0768,


■ 0.0000, 0.0000,


193.3908, 86.8418


0.0000


 231.8252,
236.3766, 113.3806


 26.8852, 26.5152,
3.7009


 26.8852, 26.5152,
3.7009


 26.8855, 26.5159,
3.7011

 27.6142, 27.8013,
4.4748

 28.4655, 29.1761,
5.7691

 29.4774, 30.6567,
7.7813

 30.6680, 32.2505,
10.6049

 32.0525, 33.9643,
14.3194

■ 33.6445, 35.8039,
18.9946

■ 35.4562, 37.7746,
24.6935

■ 37.4987, 39.8814,
31.4735

■ 39.7825, 42.1287,
39.3880

Harmonies

Analogous

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



35.2198, 26.5152, 6.1699



26.8852, 26.5152, 3.7009



19.6059, 26.5152, 4.6327

Triad

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



26.8852, 26.5152, 3.7009



13.7619, 26.5152, 49.9786



39.4242, 26.5152, 62.7082

Complementary

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



26.8852, 26.5152, 3.7009



8.9367, 5.0159, 42.6163

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.



31.7727, 26.5152, 89.2216



26.8852, 26.5152, 3.7009



17.2903, 26.5152, 79.5826

Square

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



26.8852, 26.5152, 3.7009



12.9852, 26.5152, 24.4055



23.5904, 26.5152, 96.6186



43.3655, 26.5152, 33.8495

Rectangle

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



26.8852, 26.5152, 3.7009



16.1468, 26.5152, 7.5538



23.5904, 26.5152, 96.6186



37.1330, 26.5152, 72.6876

Sweetspot

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



26.8858, 26.5165, 3.7014



64.1158, 68.3094, 44.1913



18.8242, 9.6508, 3.3037



13.8923, 14.7984, 8.7937



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.8858, 26.5165, 3.7014



48.5654, 47.7051, 6.6483



25.6726, 36.8680, 5.7634



9.0156, 9.5438, 9.0195



19.2885, 19.0755, 2.6653



0.6496, 0.6855, 0.0981

Inverse Universe

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



8.9367, 5.0159, 42.6163



16.0534, 8.7906, 77.2318



9.0965, 3.7613, 42.3657



8.2070, 8.5601, 10.7260



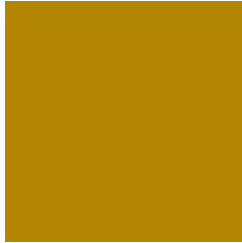
6.4371, 3.6745, 30.5070



0.2493, 0.2092, 0.9755

Previews

White Background



This preview shows how the XYZ color 26.8852, 26.5152, 3.7009 looks on a white background.

Color Contrast Check

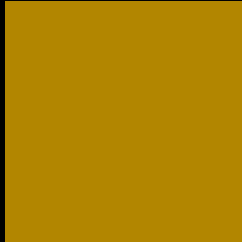
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8852, 26.5152, 3.7009 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 26.8852, 26.5152, 3.7009

Background



This preview shows how black text looks on a background with the XYZ color 26.8852, 26.5152, 3.7009.



This preview shows how white text looks on a background with the XYZ color 26.8852, 26.5152,

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

26.8852, 26.5152, 3.7009

Protanopia

24.0259, 26.7388, 4.1820

Deuteranopia

26.9016, 26.5217, 3.7875



Tritanopia

31.4039, 26.5788, 26.0293

Trichromacy



Original Color

26.8852, 26.5152, 3.7009

Protanomaly

24.9914, 26.5854, 3.9866

Deuteranomaly

26.8962, 26.5196, 3.7586

Tritanomaly

28.6503, 26.0393, 12.1104

Monochromacy



Original Color

26.8852, 26.5152, 3.7009

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.3822, 23.8047, 11.8026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8852, 26.5152, 3.7009 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(178, 134, 0)` looks like.

```
.text, #text, p{  
    color:rgb(178, 134, 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(178, 134, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 134, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.8852, 26.5152, 3.7009 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(178, 134, 0) }
```


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

```
.border{ border-color:rgb(178, 134, 0) }
```

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

Here you see how a box with a 4 pixel rgb(178, 134, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 134, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 134, 0);  
box-shadow:4px 4px 4px 4px rgb(178, 134,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8852, 26.5152, 3.7009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 134, 0) }
```

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

```
.background{ background-color: rgb(178,  
134, 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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