

Converting Colors

XYZ(26.2129, 27.2373, 0.0000)

Have a look what the booklet for
XYZ(26.2129, 27.2373, 0.0000)
contains.

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Color

**XYZ(26.9118, 27.5792,
3.9049)**

Conversions

Conversions Part 1

Format	Color
Hex	AF8B00
RGB	175, 139, 0
RGB Percent	69%, 55%, 0%
CMY	0.3137, 0.4549, 1.0000
CMYK	0.00, 0.21, 1.00, 0.31
HSL	48°, 100%, 34%
HSV	48°, 100%, 69%
XYZ	26.9118, 27.5792, 3.9049
YIQ	133.9180, 66.0750, -35.5970

Conversions

Conversions Part 2

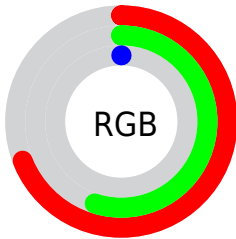
Format	Color
RYB	45, 175, 0
Decimal	11504384
CIELab	59.51, 2.87, 64.23
CIELCh	60, 64.293, 87.445
Yxy	27.5792, 0.4609, 0.4723
Android (android.graphics.Color)	4289694464 (0xFFAF8B00)
YUV	133.9180, -66.0216, 36.0289
Hunter-Lab	52.5159, -0.4304, 32.3525

Details

The XYZ color **26.9118, 27.5792, 3.9049** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **8.3689, 4.3572, 40.9570**, and the grayscale version is **22.8489, 24.0388, 26.1783**.

A 20% lighter version of the original color is **54.2161, 55.8036, 13.7080**, and **11.0436, 10.9963, 1.5404** is the 20% darker color. If you saturate the color by 10%, you get **26.9121, 27.5799, 3.9050**, and if you desaturate by 10%, it is **27.5474, 28.6824, 4.6358**.

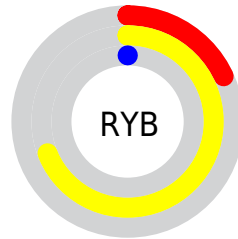
Distribution



Red (69%)

Green (55%)

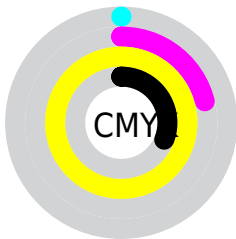
Blue (0%)



Red (18%)

Yellow (69%)

Blue (0%)

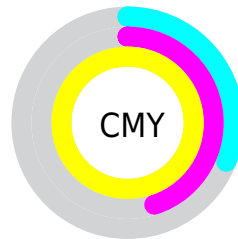


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9118, 27.5792, 3.9049 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 26.9118, 27.5792, 3.9049 by changing the saturation by 10% instead.

■ 26.9118, 27.5792,
3.9049

■ 26.9118, 27.5792,
3.9049

279.4052,
290.4507, 147.1624

■ 17.6432, 18.0087,
1.5733

■ 54.1632, 55.8119,
13.7898

■ 10.7923, 10.9562,
0.2717

■ 72.8767, 75.2429,
22.1803

■ 5.9936, 6.0374,
0.0000

■ 95.4693, 98.7295,
33.4274

■ 2.8818, 2.8678,
0.0000

■ 122.3063,
126.6561, 47.9498

■ 1.0916, 1.0631,
0.0000

■ 153.7530,
159.4072, 66.1659


■ 0.0181, 0.0000,
0.0000


■ 190.1748,


■ 0.0000, 0.0000,


197.3670, 88.4944


0.0000


 231.9371,
240.9200, 115.3537


 26.9118, 27.5792,
3.9049


 26.9118, 27.5792,
3.9049


 26.9121, 27.5799,
3.9050

 27.5474, 28.6824,
4.6358

 28.2929, 29.8561,
5.8625

 29.1855, 31.1166,
7.7772

 30.2422, 32.4710,
10.4696

 31.4777, 33.9254,
14.0156

■ 32.9049, 35.4851,
18.4823

■ 34.5353, 37.1551,
23.9298

■ 36.3795, 38.9398,
30.4134

■ 38.4474, 40.8435,
37.9840

Harmonies

Analogous

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



35.4927, 27.5792, 5.9729



26.9118, 27.5792, 3.9049



19.6853, 27.5792, 5.3223

Triad

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



26.9118, 27.5792, 3.9049



14.7024, 27.5792, 55.5565



41.6084, 27.5792, 60.8957

Complementary

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



26.9118, 27.5792, 3.9049



8.3689, 4.3572, 40.9570

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.



34.0449, 27.5792, 89.3453



26.9118, 27.5792, 3.9049



18.7109, 27.5792, 85.3052

Square

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



26.9118, 27.5792, 3.9049



13.5550, 27.5792, 28.0892



25.5268, 27.5792, 100.0105



44.9968, 27.5792, 32.0563

Rectangle

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



26.9118, 27.5792, 3.9049



16.3542, 27.5792, 8.8709



25.5268, 27.5792, 100.0105



39.4026, 27.5792, 71.2864

Sweetspot

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



26.9124, 27.5806, 3.9054



61.6896, 66.3822, 42.3012



18.0278, 9.2536, 2.6633



13.4348, 14.4750, 8.4660



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.9124, 27.5806, 3.9054



48.0381, 49.0734, 6.9402



23.8486, 35.0513, 5.5089



8.5207, 9.0462, 8.5104



19.3175, 19.8406, 2.8115



0.5722, 0.6217, 0.0898

Inverse Universe

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



8.3689, 4.3572, 40.9570



14.8621, 7.5510, 73.3110



9.0332, 3.7631, 40.8073



7.7074, 8.0142, 10.0934



6.0299, 3.1937, 29.3432



0.2054, 0.1641, 0.8288

Previews

White Background



This preview shows how the XYZ color 26.9118, 27.5792, 3.9049 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 26.9118, 27.5792, 3.9049 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 26.9118, 27.5792, 3.9049

Background



This preview shows how black text looks on a background with the XYZ color 26.9118, 27.5792, 3.9049.



This preview shows how white text looks on a background with the XYZ color 26.9118, 27.5792,

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

26.9118, 27.5792, 3.9049

Protanopia

24.9174, 27.6454, 4.2525

Deuteranopia

28.1560, 27.5776, 4.1556



Tritanopia

31.8019, 27.5097, 28.0599

Trichromacy



Original Color

26.9118, 27.5792, 3.9049

Protanomaly

25.6367, 27.5724, 4.1144

Deuteranomaly

27.5744, 27.4904, 4.0539

Tritanomaly

28.7394, 27.0633, 12.9415

Monochromacy



Original Color

26.9118, 27.5792, 3.9049

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.8383, 24.6538, 12.1493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9118, 27.5792, 3.9049 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(175, 139, 0)` looks like.

```
.text, #text, p{  
    color:rgb(175, 139, 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(175, 139, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 139, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.9118, 27.5792, 3.9049 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(175, 139, 0) }
```


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

```
.border{ border-color:rgb(175, 139, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 139, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 139, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 139, 0);  
box-shadow:4px 4px 4px 4px rgb(175, 139,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9118, 27.5792, 3.9049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 139, 0) }
```

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

```
.background{ background-color: rgb(175,  
139, 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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