

Converting Colors

XYZ(26.4680, 26.8911, 5.3089)

Have a look what the booklet for
XYZ(26.4680, 26.8911, 5.3089)
contains.

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Color

**XYZ(26.4680, 26.8911,
5.3089)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8922
RGB	173, 137, 34
RGB Percent	68%, 54%, 13%
CMY	0.3216, 0.4627, 0.8666
CMYK	0.00, 0.21, 0.80, 0.32
HSL	44°, 67%, 41%
HSV	44°, 80%, 68%
XYZ	26.4680, 26.8911, 5.3089
YIQ	136.0220, 54.5190, -24.4010

Conversions

Conversions Part 2

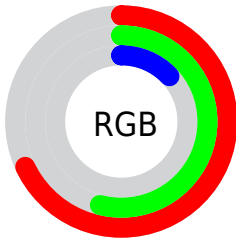
Format	Color
R_{YB}	83, 173, 34
Decimal	11372834
CIE Lab	58.87, 3.78, 56.03
CIE LCh	59, 56.154, 86.140
Yxy	26.8911, 0.4511, 0.4584
Android (android.graphics.Color)	4289562914 (0xFFAD8922)
YUV	136.0220, -50.2968, 32.4297
Hunter-Lab	51.8566, 0.3586, 30.2297

Details

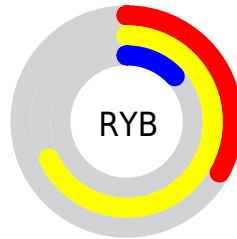
The XYZ color **26.4680, 26.8911, 5.3089** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **10.3927, 7.7375, 40.4806**, and the grayscale version is **23.5790, 24.8069, 27.0148**.

A 20% lighter version of the original color is **53.4536, 54.6873, 16.9709**, and **10.6922, 10.6925, 1.5003** is the 20% darker color. If you saturate the color by 10%, you get **25.6550, 25.5690, 4.1014**, and if you desaturate by 10%, it is **27.4343, 28.3190, 7.1874**.

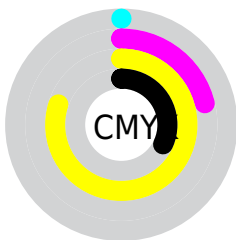
Distribution



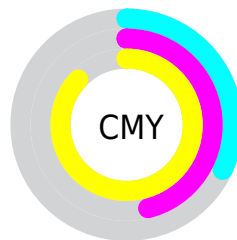
- Red (68%)
- Green (54%)
- Blue (13%)



- Red (33%)
- Yellow (68%)
- Blue (13%)



- Cyan (0%)
- Magenta (21%)
- Yellow (80%)
- Black (32%)



- Cyan (32%)
- Magenta (46%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4680, 26.8911, 5.3089 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 26.4680, 26.8911, 5.3089 by changing the saturation by 10% instead.

■ 26.4680, 26.8911,
5.3089

■ 26.4680, 26.8911,
5.3089

277.2867,
287.1295, 161.8202

■ 17.3086, 17.4915,
2.3677

■ 53.4549, 54.7091,
16.9308

■ 10.5514, 10.5855,
0.7688

■ 72.0132, 73.8962,
26.4487

■ 5.8311, 5.7889,
0.0000

■ 94.4350, 97.1146,
38.9958

■ 2.7823, 2.7171,
0.0000

■ 121.0859,
124.7486, 54.9908

■ 1.0397, 0.9859,
0.0000

■ 152.3312,
157.1827, 74.8522

■ 0.0000, 0.0000,
0.0000

■ 188.5362,

194.8013, 98.9986

230.0662,
237.9888, 127.8484

■ 26.4680, 26.8911,
5.3089

■ 26.4680, 26.8911,
5.3089

■ 25.6550, 25.5690,
4.1014

■ 27.4343, 28.3190,
7.1874

■ 24.9786, 24.3745,
3.3882

■ 28.5689, 29.8559,
9.8231

■ 29.8868, 31.5095,
13.2906

■ 31.4008, 33.2853,
17.6555

■ 33.1222, 35.1884,
22.9765

■ 35.0616, 37.2233,
29.3074

■ 37.2287, 39.3945,
36.6979

■ 39.6326, 41.7061,
45.1947

■ 42.2818, 44.1619,
54.8413

Harmonies

Analogous

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



33.7367, 26.8911, 7.6318



26.4680, 26.8911, 5.3089



20.1204, 26.8911, 6.6295

Triad

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



26.4680, 26.8911, 5.3089



15.3555, 26.8911, 49.5454



38.3159, 26.8911, 56.1458

Complementary

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



26.4680, 26.8911, 5.3089



10.3927, 7.7375, 40.4806

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.



31.8991, 26.8911, 78.7200



26.4680, 26.8911, 5.3089



18.8229, 26.8911, 73.8500

Square

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



26.4680, 26.8911, 5.3089



14.4249, 26.8911, 26.7819



24.6714, 26.8911, 86.3419



41.3152, 26.8911, 31.9284

Rectangle

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



26.4680, 26.8911, 5.3089



17.0958, 26.8911, 9.9825



24.6714, 26.8911, 86.3419



36.4363, 26.8911, 64.5371

Sweetspot

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



26.4686, 26.8924, 5.3094



61.3306, 65.1516, 47.6436



18.9452, 10.4843, 6.9981



13.0707, 13.8872, 9.5157



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.



26.4686, 26.8924, 5.3094



45.0299, 44.1632, 6.4088



26.1433, 35.6273, 7.0126



8.4845, 8.9738, 8.4983



18.3986, 18.0027, 2.5052



0.5528, 0.5827, 0.0833

Inverse Universe

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



10.3927, 7.7375, 40.4806



15.4979, 9.2149, 71.7676



10.3912, 5.3349, 40.0169



7.7413, 8.0819, 10.1046



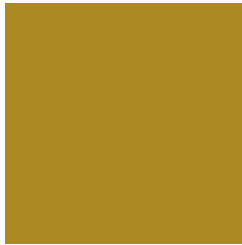
6.2656, 3.6650, 29.4217



0.2187, 0.1907, 0.8333

Previews

White Background



This preview shows how the XYZ color 26.4680, 26.8911, 5.3089 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 26.4680, 26.8911, 5.3089 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 26.4680, 26.8911, 5.3089

Background



This preview shows how black text looks on a background with the XYZ color 26.4680, 26.8911, 5.3089.



This preview shows how white text looks on a background with the XYZ color 26.4680, 26.8911,

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

26.4680, 26.8911, 5.3089

Protanopia

24.2744, 26.8383, 5.4910

Deuteranopia

27.3274, 26.9143, 5.3448



Tritanopia

31.1290, 26.9766, 27.6111

Trichromacy



Original Color

26.4680, 26.8911, 5.3089

Protanomaly

24.9913, 26.7700, 5.4401

Deuteranomaly

27.0120, 26.9598, 5.3702

Tritanomaly

28.5480, 26.4998, 15.6669

Monochromacy



Original Color

26.4680, 26.8911, 5.3089

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.4507, 24.8987, 15.3743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4680, 26.8911, 5.3089 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(173, 137, 34)` looks like.

```
.text, #text, p{  
    color:rgb(173, 137, 34)  
}
```

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(173, 137, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 137, 34) }
```

Border

The CSS property to change the border of an element to XYZ 26.4680, 26.8911, 5.3089 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(173, 137, 34) }
```


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

```
.border{ border-color:rgb(173, 137, 34) }
```

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

Here you see how a box with a 4 pixel rgb(173, 137, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 137, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 137, 34);  
box-shadow:4px 4px 4px 4px rgb(173, 137,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4680, 26.8911, 5.3089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 137, 34) }
```

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

```
.background{ background-color: rgb(173,  
137, 34) }
```

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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