

Converting Colors

XYZ(27.0226, 25.1475, 11.7223)

Have a look what the booklet for
XYZ(27.0226, 25.1475, 11.7223)
contains.

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Color

**XYZ(26.9986, 25.1924,
11.8271)**

Conversions

Conversions Part 1

Format	Color
Hex	AF8054
RGB	175, 128, 84
RGB Percent	69%, 50%, 33%
CMY	0.3137, 0.4980, 0.6706
CMYK	0.00, 0.27, 0.52, 0.31
HSL	29°, 36%, 51%
HSV	29°, 52%, 69%
XYZ	26.9986, 25.1924, 11.8271
YIQ	137.0370, 42.1360, -3.7200

Conversions

Conversions Part 2

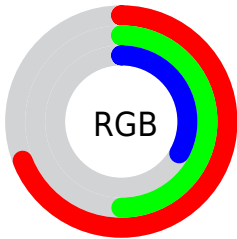
Format	Color
R_{YB}	175, 169, 84
Decimal	11501652
CIE _{Lab}	57.26, 12.89, 30.89
CIE _{LCh}	57, 33.470, 67.345
Yxy	25.1924, 0.4217, 0.3935
Android (android.graphics.Color)	4289691732 (0xFFAF8054)
YUV	137.0370, -26.1472, 33.2936
Hunter-Lab	50.1920, 8.1802, 21.1635

Details

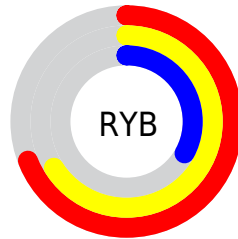
The XYZ color **26.9986, 25.1924, 11.8271** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.5099, 21.2116, 43.6233**, and the grayscale version is **23.8770, 25.1205, 27.3562**.

A 20% lighter version of the original color is **54.4312, 52.0926, 29.7403**, and **10.8756, 9.7186, 3.0529** is the 20% darker color. If you saturate the color by 10%, you get **25.2703, 22.6990, 8.2815**, and if you desaturate by 10%, it is **29.0044, 27.9667, 16.3105**.

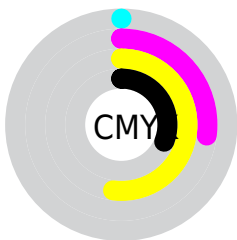
Distribution



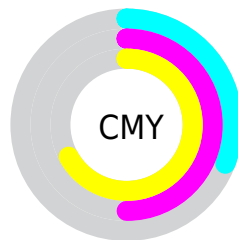
- Red (69%)
- Green (50%)
- Blue (33%)



- Red (69%)
- Yellow (66%)
- Blue (33%)



- Cyan (0%)
- Magenta (27%)
- Yellow (52%)
- Black (31%)





- Cyan (31%)
- Magenta (50%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9986, 25.1924, 11.8271 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 26.9986, 25.1924, 11.8271 by changing the saturation by 10% instead.


 26.9986, 25.1924,
11.8271


 26.9986, 25.1924,
11.8271


279.8180,
278.7948, 214.1944


 17.7088, 16.2205,
6.5049


 54.3015, 51.9692,
29.8395

 10.8395, 9.6803,
3.0808


 73.0453, 70.5428,
43.3668

 6.0255, 5.1875,
1.1360


 95.6711, 93.0858,
60.4662

 2.9014, 2.3577,
0.0000

 122.5443,
119.9825, 81.5564

 1.1018, 0.8040,
0.0000

 154.0303,
151.6174, 107.0557

 0.0267, 0.0000,
0.0000

190.4943,

 0.0000, 0.0000,

188.3748, 137.3828

0.0000

232.3017,
230.6391, 172.9562

■ 26.9986, 25.1924,
11.8271

■ 26.9986, 25.1924,
11.8271

■ 25.2703, 22.6990,
8.2815

■ 29.0044, 27.9667,
16.3105

■ 23.8019, 20.4723,
5.6029

■ 31.3002, 31.0283,
21.7925

■ 22.5763, 18.5019,
3.7126

■ 33.8997, 34.3877,
28.3305

■ 21.5729, 16.7747,
2.5163

■ 36.8152, 38.0536,
35.9770

■ 20.8981, 15.5518,
1.9003

■ 40.0583, 42.0345,
44.7811

■ 43.6398, 46.3385,
54.7889

■ 47.5700, 50.9732,
66.0438

■ 51.8590, 55.9461,
78.5871

■ 56.5161, 61.2644,
92.4585

Harmonies

Analogous

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



30.5218, 25.1924, 16.2151



26.9986, 25.1924, 11.8271



22.9843, 25.1924, 10.9896

Triad

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



26.9986, 25.1924, 11.8271



17.1594, 25.1924, 30.3135



28.8666, 25.1924, 48.6733

Complementary

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



26.9986, 25.1924, 11.8271



19.5099, 21.2116, 43.6233

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.



24.9313, 25.1924, 55.2377



26.9986, 25.1924, 11.8271



18.3875, 25.1924, 42.8977

Square

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



26.9986, 25.1924, 11.8271



17.5832, 25.1924, 19.8595



21.1301, 25.1924, 52.8747



31.6805, 25.1924, 36.7154

Rectangle

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



26.9986, 25.1924, 11.8271



20.6148, 25.1924, 12.2628



21.1301, 25.1924, 52.8747



27.6150, 25.1924, 51.7151

Sweetspot

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



26.9992, 25.1936, 11.8276



63.6309, 65.2764, 58.3275



24.9475, 17.0939, 23.4634



13.9100, 14.2156, 12.3545



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.



26.9992, 25.1936, 11.8276



44.9545, 40.2032, 14.2457



34.3158, 39.8268, 14.2665



8.3128, 8.6305, 8.4411



15.0269, 11.2594, 1.3813



0.4730, 0.4232, 0.0567

Inverse Universe

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



19.5099, 21.2116, 43.6233



30.1006, 32.2979, 77.2845



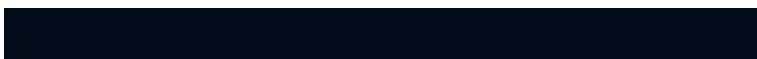
14.6835, 11.5588, 42.0145



7.9081, 8.4156, 10.1603



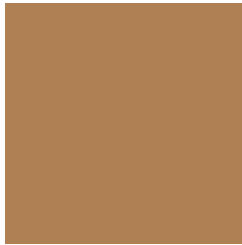
8.2443, 7.6225, 30.0813



0.2838, 0.3210, 0.8550

Previews

White Background



This preview shows how the XYZ color 26.9986, 25.1924, 11.8271 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 26.9986, 25.1924, 11.8271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

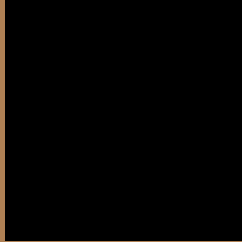
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9986, 25.1924, 11.8271

Background



This preview shows how black text looks on a background with the XYZ color 26.9986, 25.1924, 11.8271.



This preview shows how white text looks on a background with the XYZ color 26.9986, 25.1924,

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

26.9986, 25.1924, 11.8271

Protanopia

23.4276, 25.3656, 12.8938

Deuteranopia

25.7489, 25.3426, 11.7181



Tritanopia

29.6467, 25.1415, 24.7630

Trichromacy



Original Color

26.9986, 25.1924, 11.8271

Protanomaly

24.5435, 25.1092, 12.5698

Deuteranomaly

26.2552, 25.4032, 11.7031

Tritanomaly

28.6050, 25.0952, 19.2558

Monochromacy



Original Color

26.9986, 25.1924, 11.8271

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.5576, 24.9375, 20.6586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9986, 25.1924, 11.8271 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, 128, 84)` looks like.

```
.text, #text, p{  
    color:rgb(175, 128, 84)  
}
```

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, 128, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 128, 84) }
```

Border

The CSS property to change the border of an element to XYZ 26.9986, 25.1924, 11.8271 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, 128, 84) }
```


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

```
.border{ border-color:rgb(175, 128, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 128, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 128, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 128, 84);  
box-shadow:4px 4px 4px 4px rgb(175, 128,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9986, 25.1924, 11.8271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 128, 84) }
```

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

```
.background{ background-color: rgb(175,  
128, 84) }
```

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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