

Converting Colors

XYZ(34.8800, 30.9746, 26.6898)

Have a look what the booklet for
XYZ(34.8800, 30.9746, 26.6898)
contains.

XYZ(34.8774, 30.9746, 26.6947)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.8774, 30.9746,
26.6947)**

Conversions

Conversions Part 1

Format	Color
Hex	BF8A86
RGB	191, 138, 134
RGB Percent	75%, 54%, 53%
CMY	0.2510, 0.4588, 0.4745
CMYK	0.00, 0.28, 0.30, 0.25
HSL	4°, 31%, 64%
HSV	4°, 30%, 75%
XYZ	34.8774, 30.9746, 26.6947
YIQ	153.3910, 32.8720, 9.9920

Conversions

Conversions Part 2

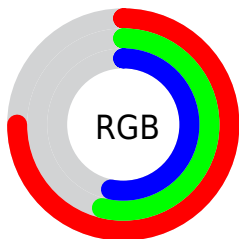
Format	Color
RYB	191, 138, 134
Decimal	12552838
CIELab	62.49, 19.66, 10.15
CIELCh	62, 22.124, 27.296
Yxy	30.9746, 0.3769, 0.3347
Android (android.graphics.Color)	4290742918 (0xFFBF8A86)
YUV	153.3910, -9.5598, 32.9831
Hunter-Lab	55.6548, 14.4652, 10.5201

Details

The XYZ color **34.8774, 30.9746, 26.6947** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.0051, 44.3689, 55.9039**, and the grayscale version is **30.4798, 32.0671, 34.9211**.

A 20% lighter version of the original color is **66.5307, 61.2436, 55.3284**, and **15.2433, 12.8538, 10.0651** is the 20% darker color. If you saturate the color by 10%, you get **31.3209, 25.8043, 19.5197**, and if you desaturate by 10%, it is **39.0928, 37.0772, 35.2770**.

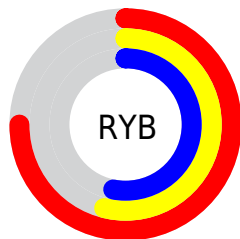
Distribution



Red (75%)

Green (54%)

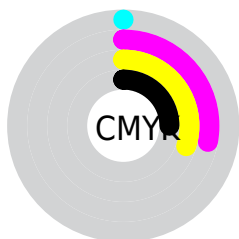
Blue (53%)



Red (75%)

Yellow (54%)

Blue (53%)

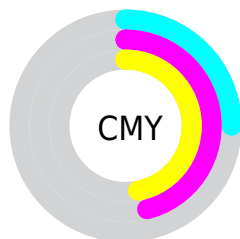


Cyan (0%)

Magenta (28%)

Yellow (30%)

Black (25%)



Cyan (25%)


Magenta (46%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8774, 30.9746, 26.6947 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 34.8774, 30.9746, 26.6947 by changing the saturation by 10% instead.


 34.8774, 30.9746,
26.6947


 34.8774, 30.9746,
26.6947


315.5444,
306.4213, 299.8891

 23.7345, 20.5795,
17.1137


 66.6311, 61.2001,
55.3913

 15.2605, 12.8170,
10.1527


 87.9726, 81.7993,
75.3440

 9.0899, 7.3026,
5.3934


 113.4443,
106.5686, 99.5910

 4.8574, 3.6521,
2.4172

143.4117,
135.8925, 128.5508

 2.1978, 1.4809,
0.7958

178.2400,
170.1553, 162.6420

 0.7416, 0.2752,
0.0000

218.2947,

 0.0000, 0.0000,

209.7414, 202.2830

0.0000

263.9410,
255.0353, 247.8926

■ 34.8774, 30.9746,
26.6947

■ 34.8774, 30.9746,
26.6947

■ 31.3209, 25.8043,
19.5197

■ 39.0928, 37.0772,
35.2770

■ 28.3876, 21.5163,
13.6752

■ 43.9954, 44.1502,
45.3341

■ 26.0422, 18.0626,
9.0798

■ 49.6149, 52.2350,
56.9315

■ 24.2450, 15.3888,
5.6425

■ 55.9786, 61.3692,
70.1301

■ 22.9511, 13.4341,
3.2598

■ 63.1122, 71.5884,
84.9876

■ 22.1088, 12.1287,
1.8100

■ 71.0404, 82.9267,
101.5588

■ 21.6405, 11.3830,
1.0652

■ 75.2959, 89.8164,
107.9755

■ 21.6352, 11.3750,
1.0553

Harmonies

Analogous

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



35.5951, 30.9746, 34.5126



34.8774, 30.9746, 26.6947



32.6728, 30.9746, 21.6336

Triad

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



34.8774, 30.9746, 26.6947



24.8426, 30.9746, 25.5546



29.1687, 30.9746, 53.0952

Complementary

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



34.8774, 30.9746, 26.6947



37.0051, 44.3689, 55.9039

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.



26.4286, 30.9746, 49.6486



34.8774, 30.9746, 26.6947



24.0395, 30.9746, 32.9516

Square

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



34.8774, 30.9746, 26.6947



26.8703, 30.9746, 21.0582



24.6001, 30.9746, 41.8950



32.1694, 30.9746, 50.6655

Rectangle

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



34.8774, 30.9746, 26.6947



30.7291, 30.9746, 20.0258



24.6001, 30.9746, 41.8950



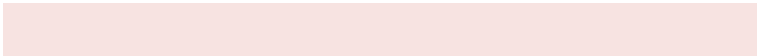
28.1883, 30.9746, 52.5738

Sweetspot

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



34.8782, 30.9761, 26.6953



79.4581, 80.0271, 82.5564



39.0022, 31.7233, 51.1937



17.1438, 17.1346, 17.5020



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



34.8782, 30.9761, 26.6953



58.0549, 49.0685, 38.8965



39.4799, 40.1794, 28.2292



9.5826, 9.6411, 9.9325



14.2411, 7.5210, 0.7011



0.5764, 0.3318, 0.0337

Inverse Universe

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



37.0051, 44.3689, 55.9039



62.4863, 77.0036, 99.8489



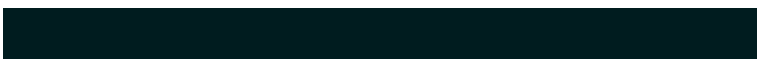
31.5824, 33.5234, 54.0963



9.7497, 10.6917, 12.2220



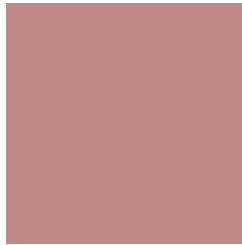
16.6129, 23.3375, 36.0219



0.6681, 0.9489, 1.4168

Previews

White Background



This preview shows how the XYZ color 34.8774, 30.9746, 26.6947 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 34.8774, 30.9746, 26.6947 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 ✓ Pass

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

XYZ 34.8774, 30.9746, 26.6947

Background



This preview shows how black text looks on a background with the XYZ color 34.8774, 30.9746, 26.6947.



This preview shows how white text looks on a background with the XYZ color 34.8774, 30.9746,

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

34.8774, 30.9746, 26.6947

Protanopia

29.7790, 31.2244, 29.6567

Deuteranopia

31.7461, 31.1355, 26.5268



Tritanopia

35.7307, 30.8901, 31.2733

Trichromacy



Original Color

34.8774, 30.9746, 26.6947

Protanomaly

31.2285, 30.8278, 28.3492

Deuteranomaly

32.8785, 31.0417, 26.4491

Tritanomaly

35.5664, 31.0508, 29.7100

Monochromacy



Original Color

34.8774, 30.9746, 26.6947

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.7146, 31.4706, 31.5970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8774, 30.9746, 26.6947 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(191, 138, 134)` looks like.

```
.text, #text, p{  
    color:rgb(191, 138, 134)  
}
```

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(191, 138, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 138, 134) }
```

Border

The CSS property to change the border of an element to XYZ 34.8774, 30.9746, 26.6947 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(191, 138, 134) }
```


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

```
.border{ border-color:rgb(191, 138, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 138, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 138, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 138, 134); box-shadow:4px 4px 4px 4px rgb(191, 138, 134) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8774, 30.9746, 26.6947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 138, 134) }
```

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

```
.background{ background-color: rgb(191,  
138, 134) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor