

Converting Colors

XYZ(34.5180, 30.8651, 24.3885)

Have a look what the booklet for
XYZ(34.5180, 30.8651, 24.3885)
contains.

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Color

**XYZ(34.4706, 30.8118,
24.5526)**

Conversions

Conversions Part 1

Format	Color
Hex	BF8A80
RGB	191, 138, 128
RGB Percent	75%, 54%, 50%
CMY	0.2510, 0.4588, 0.4980
CMYK	0.00, 0.28, 0.33, 0.25
HSL	10°, 33%, 63%
HSV	10°, 33%, 75%
XYZ	34.4706, 30.8118, 24.5526
YIQ	152.7070, 34.7980, 8.1260

Conversions

Conversions Part 2

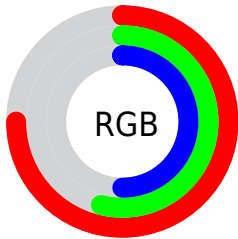
Format	Color
R _Y B	191, 140, 128
Decimal	12552832
CIE Lab	62.35, 18.86, 13.35
CIE LCh	62, 23.105, 35.297
Yxy	30.8118, 0.3837, 0.3430
Android (android.graphics.Color)	4290742912 (0xFFBF8A80)
YUV	152.7070, -12.1806, 33.5830
Hunter-Lab	55.5084, 13.7085, 12.6306

Details

The XYZ color **34.4706, 30.8118, 24.5526** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.8294, 41.3972, 55.4450**, and the grayscale version is **30.1922, 31.7646, 34.5916**.

A 20% lighter version of the original color is **66.2570, 61.1752, 52.0319**, and **15.0543, 12.7782, 9.0701** is the 20% darker color. If you saturate the color by 10%, you get **31.1928, 26.0821, 17.8305**, and if you desaturate by 10%, it is **38.3278, 36.3211, 32.6360**.

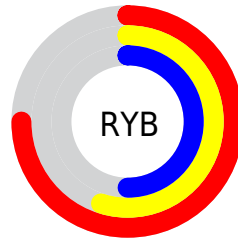
Distribution



Red (75%)

Green (54%)

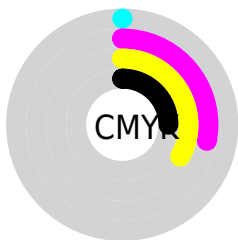
Blue (50%)



Red (75%)

Yellow (55%)

Blue (50%)

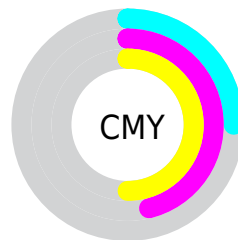


Cyan (0%)

Magenta (28%)

Yellow (33%)

Black (25%)



Cyan (25%)


Magenta (46%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4706, 30.8118, 24.5526 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 34.4706, 30.8118, 24.5526 by changing the saturation by 10% instead.


 34.4706, 30.8118,
24.5526


 34.4706, 30.8118,
24.5526


313.7745,
305.6703, 288.9785


 23.4200, 20.4556,
15.5281


 66.0043, 60.9436,
51.8856

 15.0263, 12.7266,
9.0401


 87.2180, 81.4881,
71.0311

 8.9243, 7.2406,
4.6702

 112.5502,
106.1973, 94.3873

 4.7485, 3.6130,
1.9997

142.3661,
135.4559, 122.3728

 2.1337, 1.4595,
0.5551

177.0311,
169.6480, 155.4062

 0.7075, 0.2600,
0.0000

216.9106,

 0.0000, 0.0000,

209.1582, 193.9059

0.0000

262.3700,
254.3709, 238.2904

■ 34.4706, 30.8118,
24.5526

■ 34.4706, 30.8118,
24.5526

■ 31.1928, 26.0821,
17.8305

■ 38.3278, 36.3211,
32.6360

■ 28.4636, 22.0926,
12.3927

■ 42.7881, 42.6386,
42.1482

■ 26.2532, 18.8067,
8.1574


■ 47.8771, 49.7966,
53.1542


■ 24.5280, 16.1832,
5.0328


■ 53.6179, 57.8247,
65.7147


■ 23.2499, 14.1763,
2.9134

■ 60.0326, 66.7507,
79.8870

 22.3751, 12.7343,
1.6732

 67.1424, 76.6013,
95.7254

 21.9585, 12.0217,
1.1631

 73.8692, 86.9630,
107.5000

 75.2959, 89.8164,
107.9755

Harmonies

Analogous

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



35.6879, 30.8118, 31.9845



34.4706, 30.8118, 24.5526



31.8702, 30.8118, 20.2138

Triad

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



34.4706, 30.8118, 24.5526



24.1573, 30.8118, 26.8566



29.8441, 30.8118, 53.7750

Complementary

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



34.4706, 30.8118, 24.5526



34.8294, 41.3972, 55.4450

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.



26.8448, 30.8118, 51.7441



34.4706, 30.8118, 24.5526



23.6990, 30.8118, 35.1633

Square

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



34.4706, 30.8118, 24.5526



25.9480, 30.8118, 21.3689



24.6487, 30.8118, 44.5111



32.8980, 30.8118, 49.6515

Rectangle

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



34.4706, 30.8118, 24.5526



29.7813, 30.8118, 19.1506



24.6487, 30.8118, 44.5111



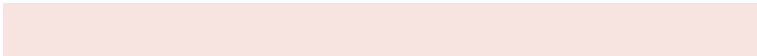
28.7956, 30.8118, 53.7963

Sweetspot

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



34.4714, 30.8133, 24.5532



79.0929, 79.8331, 80.7809



37.6023, 29.8739, 47.7970



17.0936, 17.1439, 17.1475



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.



34.4714, 30.8133, 24.5532



57.1562, 48.5831, 34.5524



39.5610, 40.9924, 26.2497



9.6493, 9.7745, 9.9547



14.4701, 7.9790, 0.7774



0.6058, 0.3906, 0.0435

Inverse Universe

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



34.8294, 41.3972, 55.4450



57.8848, 70.5816, 98.8519



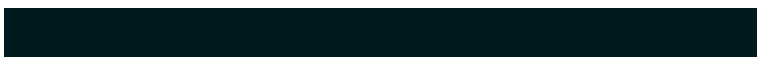
29.2207, 30.1798, 53.5754



9.6761, 10.5445, 12.1975



14.5671, 19.2458, 35.3400



0.6058, 0.8242, 1.3960

Previews

White Background



This preview shows how the XYZ color 34.4706, 30.8118, 24.5526 looks on a white background.

Color Contrast Check

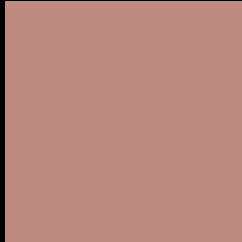
Large Text (above 18pt) WCAG AA × Fail

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 34.4706, 30.8118, 24.5526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

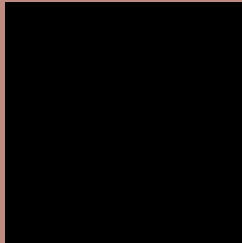
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4706, 30.8118, 24.5526

Background



This preview shows how black text looks on a background with the XYZ color 34.4706, 30.8118, 24.5526.



This preview shows how white text looks on a background with the XYZ color 34.4706, 30.8118,

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

34.4706, 30.8118, 24.5526

Protanopia

29.4702, 31.1235, 27.0085

Deuteranopia

31.4117, 30.7818, 24.3646



Tritanopia

35.8446, 30.7407, 31.2385

Trichromacy



Original Color

34.4706, 30.8118, 24.5526

Protanomaly

31.0213, 30.7698, 26.1340

Deuteranomaly

32.3262, 30.5816, 24.2777

Tritanomaly

35.2026, 30.6789, 28.4923

Monochromacy



Original Color

34.4706, 30.8118, 24.5526

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.5603, 31.4089, 30.7847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4706, 30.8118, 24.5526 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(191, 138, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 138, 128) }
```

Border

The CSS property to change the border of an element to XYZ 34.4706, 30.8118, 24.5526 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, 128) }
```


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

```
.border{ border-color:rgb(191, 138, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 138, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 138, 128);  
box-shadow:4px 4px 4px 4px rgb(191, 138,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4706, 30.8118, 24.5526 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, 128) }
```

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

```
.background{ background-color: rgb(191,  
138, 128) }
```

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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