

Converting Colors

XYZ(34.1606, 30.0862, 24.2295)

Have a look what the booklet for
XYZ(34.1606, 30.0862, 24.2295)
contains.

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Color

**XYZ(33.9806, 29.9366,
24.0660)**

Conversions

Conversions Part 1

Format	Color
Hex	BF877F
RGB	191, 135, 127
RGB Percent	75%, 53%, 50%
CMY	0.2510, 0.4706, 0.5020
CMYK	0.00, 0.29, 0.34, 0.25
HSL	8°, 33%, 62%
HSV	8°, 34%, 75%
XYZ	33.9806, 29.9366, 24.0660
YIQ	150.8320, 35.9440, 9.3840

Conversions

Conversions Part 2

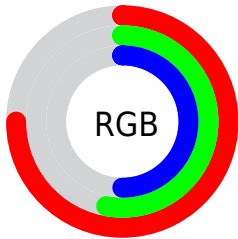
Format	Color
R_{YB}	191, 136, 127
Decimal	12552063
CIE _{Lab}	61.60, 20.39, 12.87
CIE _{LCh}	62, 24.110, 32.259
Yxy	29.9366, 0.3862, 0.3403
Android (android.graphics.Color)	4290742143 (0xFFBF877F)
YUV	150.8320, -11.7492, 35.2273
Hunter-Lab	54.7143, 15.1081, 12.2215

Details

The XYZ color **33.9806, 29.9366, 24.0660** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **35.0892, 42.1391, 55.5746**, and the grayscale version is **29.3821, 30.9123, 33.6635**.

A 20% lighter version of the original color is **65.5027, 59.8302, 51.2760**, and **14.7770, 12.2813, 8.7994** is the 20% darker color. If you saturate the color by 10%, you get **30.7005, 25.1831, 17.4025**, and if you desaturate by 10%, it is **37.8643, 35.5193, 32.0956**.

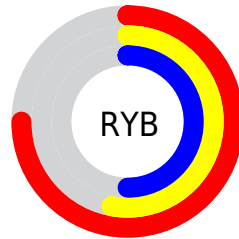
Distribution



Red (75%)

Green (53%)

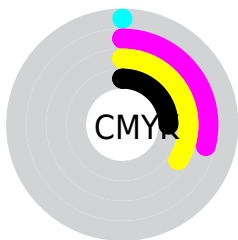
Blue (50%)



Red (75%)

Yellow (53%)

Blue (50%)

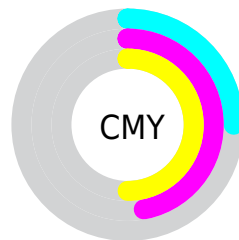


Cyan (0%)

Magenta (29%)

Yellow (34%)

Black (25%)



Cyan (25%)


Magenta (47%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.9806, 29.9366, 24.0660 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 33.9806, 29.9366, 24.0660 by changing the saturation by 10% instead.


 33.9806, 29.9366,
24.0660


 33.9806, 29.9366,
24.0660


311.6330,
301.6088, 286.4513


 23.0415, 19.7905,
15.1699


 65.2480, 59.5619,
51.0831

 14.7450, 12.2428,
8.7908

 86.3070, 79.8099,
70.0411

 8.7258, 6.9093,
4.5100


 111.4700,
104.1939, 93.1903

 4.6184, 3.4054,
1.9091

141.1025,
133.0984, 120.9491

 2.0576, 1.3469,
0.4985

175.5696,
166.9077, 153.7360

 0.6660, 0.1771,
0.0000

215.2368,

 0.0000, 0.0000,

206.0063, 191.9697

0.0000

260.4695,
250.7785, 236.0686

■ 33.9806, 29.9366,
24.0660

■ 33.9806, 29.9366,
24.0660

■ 30.7005, 25.1831,
17.4025

■ 37.8643, 35.5193,
32.0956

■ 27.9911, 21.2151,
12.0271

■ 42.3774, 41.9637,
41.5596

■ 25.8203, 17.9915,
7.8568


■ 47.5473, 49.3058,
52.5240


■ 24.1515, 15.4655,
4.7982


■ 53.3987, 57.5781,
65.0501

■ 22.9434, 13.5850,
2.7441

■ 59.9553, 66.8117,
79.1958

 22.1481, 12.2906,
1.5658

 67.2395, 77.0362,
95.0162

 21.8102, 11.7250,
1.1136

 74.3413, 87.9072,
107.6573

 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.



35.0554, 29.9366, 31.9061



33.9806, 29.9366, 24.0660



31.4150, 29.9366, 19.3549

Triad

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



33.9806, 29.9366, 24.0660



23.3481, 29.9366, 25.0623



28.6971, 29.9366, 53.5645

Complementary

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



33.9806, 29.9366, 24.0660



35.0892, 42.1391, 55.5746

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.



25.6849, 29.9366, 50.8117



33.9806, 29.9366, 24.0660



22.7379, 29.9366, 33.2955

Square

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



33.9806, 29.9366, 24.0660



25.2944, 29.9366, 19.8498



23.5614, 29.9366, 42.9350



31.8659, 29.9366, 49.8834

Rectangle

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



33.9806, 29.9366, 24.0660



29.2906, 29.9366, 18.0672



23.5614, 29.9366, 42.9350



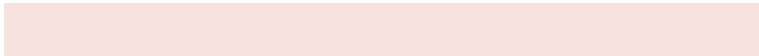
27.6331, 29.9366, 53.3602

Sweetspot

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



33.9814, 29.9380, 24.0666



78.8659, 79.3791, 80.7052



37.6783, 29.6965, 48.8376



17.0378, 17.0322, 17.1288



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.



33.9814, 29.9380, 24.0666



56.5662, 47.4032, 34.3558



39.0380, 40.0513, 25.7521



9.6238, 9.7235, 9.9462



14.3664, 7.7716, 0.7429



0.5946, 0.3682, 0.0397

Inverse Universe

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



35.0892, 42.1391, 55.5746



58.8312, 72.4743, 99.1673



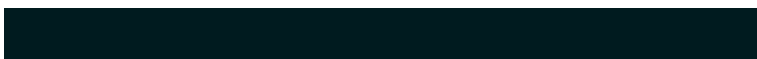
29.3093, 30.5792, 53.6479



9.7040, 10.6004, 12.2068



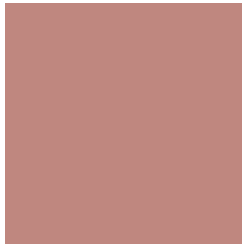
15.3157, 20.7432, 35.5895



0.6288, 0.8703, 1.4037

Previews

White Background



This preview shows how the XYZ color 33.9806, 29.9366, 24.0660 looks on a white background.

Color Contrast Check

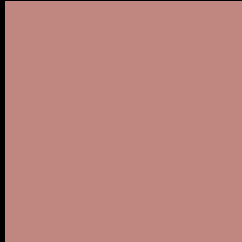
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.9806, 29.9366, 24.0660 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 33.9806, 29.9366, 24.0660

Background



This preview shows how black text looks on a background with the XYZ color 33.9806, 29.9366, 24.0660.



This preview shows how white text looks on a background with the XYZ color 33.9806, 29.9366,

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

33.9806, 29.9366, 24.0660

Protanopia

28.5681, 30.1847, 26.8748

Deuteranopia

30.5374, 29.8962, 23.5631



Tritanopia

35.3378, 30.0957, 29.9331

Trichromacy



Original Color

33.9806, 29.9366, 24.0660

Protanomaly

30.2184, 29.9100, 25.6533

Deuteranomaly

31.7344, 29.8462, 23.8270

Tritanomaly

34.7787, 30.0628, 27.6366

Monochromacy



Original Color

33.9806, 29.9366, 24.0660

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.7338, 30.3108, 29.8219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9806, 29.9366, 24.0660 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, 135, 127)` looks like.

```
.text, #text, p{  
    color:rgb(191, 135, 127)  
}
```

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, 135, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 135, 127) }
```

Border

The CSS property to change the border of an element to XYZ 33.9806, 29.9366, 24.0660 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, 135, 127) }
```


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

```
.border{ border-color:rgb(191, 135, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 135, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 135, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 135, 127);  
box-shadow:4px 4px 4px 4px rgb(191, 135,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9806, 29.9366, 24.0660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 135, 127) }
```

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

```
.background{ background-color: rgb(191,  
135, 127) }
```

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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