

Converting Colors

XYZ(33.2647, 30.8293, 23.1236)

Have a look what the booklet for
XYZ(33.2647, 30.8293, 23.1236)
contains.

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Color

**XYZ(33.4127, 30.9441,
23.2806)**

Conversions

Conversions Part 1

Format	Color
Hex	BA8D7C
RGB	186, 141, 124
RGB Percent	73%, 55%, 49%
CMY	0.2706, 0.4470, 0.5137
CMYK	0.00, 0.24, 0.33, 0.27
HSL	16°, 31%, 61%
HSV	16°, 33%, 73%
XYZ	33.4127, 30.9441, 23.2806
YIQ	152.5170, 32.2770, 4.2530

Conversions

Conversions Part 2

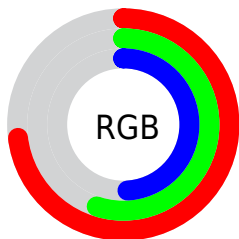
Format	Color
RYB	186, 147, 124
Decimal	12225916
CIELab	62.46, 14.69, 15.68
CIElCh	62, 21.488, 46.874
Yxy	30.9441, 0.3813, 0.3531
Android (android.graphics.Color)	4290415996 (0xFFBA8D7C)
YUV	152.5170, -14.0589, 29.3646
Hunter-Lab	55.6274, 9.8683, 14.1258

Details

The XYZ color **33.4127, 30.9441, 23.2806** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.3627, 36.2051, 51.7898**, and the grayscale version is **30.1185, 31.6870, 34.5071**.

A 20% lighter version of the original color is **64.4131, 61.2592, 50.0242**, and **14.3712, 12.8155, 8.3728** is the 20% darker color. If you saturate the color by 10%, you get **30.4751, 26.7771, 17.0353**, and if you desaturate by 10%, it is **36.8164, 35.6881, 30.7766**.

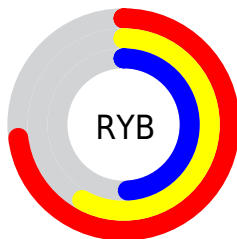
Distribution



Red (73%)

Green (55%)

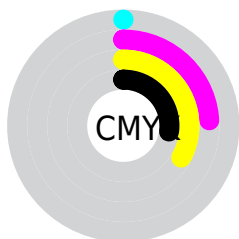
Blue (49%)



Red (73%)

Yellow (58%)

Blue (49%)

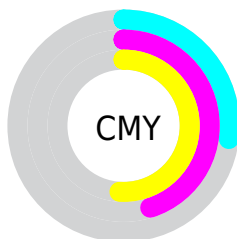


Cyan (0%)

Magenta (24%)

Yellow (33%)

Black (27%)



Cyan (27%)

Magenta (45%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.4127, 30.9441, 23.2806 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 33.4127, 30.9441, 23.2806 by changing the saturation by 10% instead.


 33.4127, 30.9441,
23.2806


 33.4127, 30.9441,
23.2806


309.1375,
306.2807, 282.3314


 22.6035, 20.5563,
14.5936


 64.3697, 61.1521,
49.7827

 14.4201, 12.8001,
8.3912


 85.2482, 81.7410,
68.4348

 8.4971, 7.2910,
4.2549


 110.2140,
106.4991, 91.2458

 4.4691, 3.6448,
1.7662

139.6322,
135.8107, 118.6341

 1.9708, 1.4769,
0.4055

173.8683,
170.0603, 151.0183

 0.6175, 0.2724,
0.0000

213.2877,

 0.0000, 0.0000,

209.6322, 188.8168

0.0000

258.2556,
254.9109, 232.4484

■ 33.4127, 30.9441,
23.2806

■ 33.4127, 30.9441,
23.2806

■ 30.4751, 26.7771,
17.0353

■ 36.8164, 35.6881,
30.7766

■ 27.9800, 23.1602,
11.9700

■ 40.7037, 41.0257,
39.5848

■ 25.9054, 20.0711,
8.0098

■ 45.0938, 46.9784,
49.7650

■ 24.2258, 17.4839,
5.0706

■ 50.0044, 53.5653,
61.3728

■ 22.9133, 15.3705,
3.0555

■ 55.4521, 60.8045,
74.4604

■ 21.9351, 13.6996,
1.8490

■ 61.4530, 68.7137,
89.0778

■ 21.4341, 12.8078,
1.3424

■ 68.0223, 77.3095,
105.2722

■ 72.1742, 85.4080,
107.2891

■ 74.0598, 89.1791,
107.9177

Harmonies

Analogous

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



35.1090, 30.9441, 29.2439



33.4127, 30.9441, 23.2806



30.7030, 30.9441, 20.3508

Triad

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



33.4127, 30.9441, 23.2806



24.2826, 30.9441, 30.1767



31.0689, 30.9441, 51.5110

Complementary

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



33.4127, 30.9441, 23.2806



31.3627, 36.2051, 51.7898

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.



28.1566, 30.9441, 51.8726



33.4127, 30.9441, 23.2806



24.3662, 30.9441, 38.5715

Square

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



33.4127, 30.9441, 23.2806



25.5066, 30.9441, 23.8658



25.7431, 30.9441, 46.8222



33.6958, 30.9441, 45.9035

Rectangle

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



33.4127, 30.9441, 23.2806



28.7455, 30.9441, 20.1343



25.7431, 30.9441, 46.8222



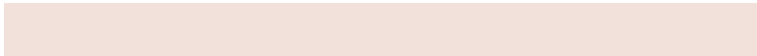
30.0876, 30.9441, 52.2790

Sweetspot

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



33.4135, 30.9456, 23.2812



76.1977, 77.6563, 77.3199



34.6630, 27.7369, 41.2933



16.5398, 16.7745, 16.4732



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



33.4135, 30.9456, 23.2812



56.5800, 50.4532, 33.6861



38.5519, 41.2223, 24.9940



9.1997, 9.4024, 9.4369



14.4749, 8.7263, 0.9214



0.5638, 0.4146, 0.0503

Inverse Universe

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



31.3627, 36.2051, 51.7898



52.2761, 61.4227, 93.3019



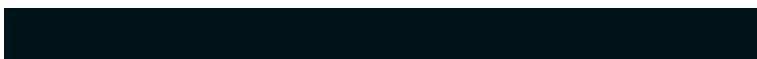
26.3311, 26.1418, 50.1126



9.0528, 9.7828, 11.4906



11.8555, 14.1708, 33.3634



0.4667, 0.5971, 1.1924

Previews

White Background



This preview shows how the XYZ color 33.4127, 30.9441, 23.2806 looks on a white background.

Color Contrast Check

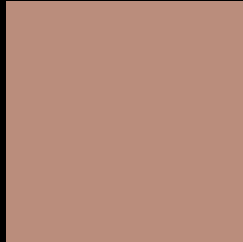
Large Text (above 18pt) WCAG AA × Fail

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 33.4127, 30.9441, 23.2806 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 33.4127, 30.9441, 23.2806

Background



This preview shows how black text looks on a background with the XYZ color 33.4127, 30.9441, 23.2806.



This preview shows how white text looks on a background with the XYZ color 33.4127, 30.9441,

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

33.4127, 30.9441, 23.2806

Protanopia

29.3271, 31.0891, 25.2240

Deuteranopia

31.6050, 30.9110, 23.0395



Tritanopia

35.1728, 31.0064, 32.1480

Trichromacy



Original Color

33.4127, 30.9441, 23.2806

Protanomaly

30.6267, 30.8348, 24.4162

Deuteranomaly

32.3708, 31.0799, 23.0318

Tritanomaly

34.3863, 30.8941, 28.5769

Monochromacy



Original Color

33.4127, 30.9441, 23.2806

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.1470, 31.4472, 30.0195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4127, 30.9441, 23.2806 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(186, 141, 124)` looks like.

```
.text, #text, p{  
    color:rgb(186, 141, 124)  
}
```

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(186, 141, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 141, 124) }
```

Border

The CSS property to change the border of an element to XYZ 33.4127, 30.9441, 23.2806 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(186, 141, 124) }
```


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

```
.border{ border-color:rgb(186, 141, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 141, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 141, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 141, 124);  
box-shadow:4px 4px 4px 4px rgb(186, 141,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4127, 30.9441, 23.2806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 141, 124) }
```

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

```
.background{ background-color: rgb(186,  
141, 124) }
```

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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