

Converting Colors

XYZ(47.2836, 42.0480, 30.6215)

Have a look what the booklet for
XYZ(47.2836, 42.0480, 30.6215)
contains.

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Color

**XYZ(47.0847, 41.8768,
30.4123)**

Conversions

Conversions Part 1

Format	Color
Hex	DE9E8C
RGB	222, 158, 140
RGB Percent	87%, 62%, 55%
CMY	0.1294, 0.3804, 0.4510
CMYK	0.00, 0.29, 0.37, 0.13
HSL	13°, 55%, 71%
HSV	13°, 37%, 87%
XYZ	47.0847, 41.8768, 30.4123
YIQ	175.0840, 43.9220, 7.9700

Conversions

Conversions Part 2

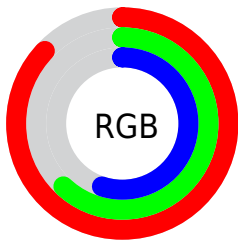
Format	Color
R _Y B	222, 163, 140
Decimal	14589580
CIE Lab	70.79, 21.55, 18.90
CIE LCh	71, 28.659, 41.248
Yxy	41.8768, 0.3944, 0.3508
Android (android.graphics.Color)	4292779660 (0xFFDE9E8C)
YUV	175.0840, -17.2964, 41.1453
Hunter-Lab	64.7123, 16.6302, 17.4346

Details

The XYZ color **47.0847, 41.8768, 30.4123** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.5920, 54.0330, 77.1337**, and the grayscale version is **40.8628, 42.9909, 46.8170**.

A 20% lighter version of the original color is **74.7719, 72.7435, 61.1389**, and **22.5165, 19.0456, 12.1623** is the 20% darker color. If you saturate the color by 10%, you get **42.8602, 35.7885, 21.7266**, and if you desaturate by 10%, it is **52.0582, 48.9345, 40.9778**.

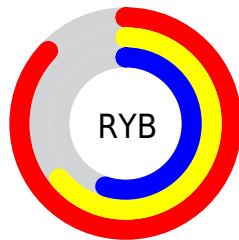
Distribution



Red (87%)

Green (62%)

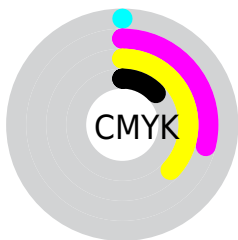
Blue (55%)



Red (87%)

Yellow (64%)

Blue (55%)

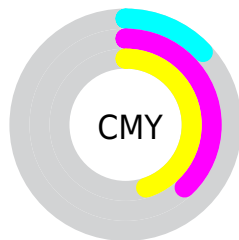


Cyan (0%)

Magenta (29%)

Yellow (37%)

Black (13%)



Cyan (13%)


Magenta (38%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0847, 41.8768, 30.4123 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 47.0847, 41.8768, 30.4123 by changing the saturation by 10% instead.


 47.0847, 41.8768,
30.4123

 47.0847, 41.8768,
30.4123


365.7958,
353.9720, 318.0885


 33.3108, 29.0048,
19.8970


 85.0580, 78.0131,
61.3823

 22.5251, 19.0845,
12.1369

 109.9882,
102.0463, 82.6741

 14.3620, 11.7313,
6.7133

 139.3678,
130.5686, 108.3952

 8.4562, 6.5610,
3.2077

173.5623,
163.9646, 138.9641

 4.4425, 3.1891,
1.2017

212.9370,
202.6185, 174.7993

 1.9554, 1.2312,
0.0000

257.8572,

 0.6087, 0.0870,

246.9147, 216.3194

0.0000

308.6884,
297.2378, 263.9430

■ 0.0000, 0.0000,
0.0000

■ 47.0847, 41.8768,
30.4123

■ 47.0847, 41.8768,
30.4123

■ 42.8602, 35.7885,
21.7266

■ 52.0582, 48.9345,
40.9778

■ 39.3443, 30.6209,
14.8071

■ 57.8123, 56.9955,
53.5224

■ 36.4972, 26.3301,
9.5319

■ 64.3802, 66.0996,
68.1415

■ 34.2740, 22.8660,
5.7624

■ 71.7927, 76.2824,
84.9234

■ 32.6234, 20.1731,
3.3368

■ 80.0786, 87.5779,
103.9514

■ 31.4831, 18.1878,
2.0465

■ 83.9342, 94.2696,
108.3798

■ 31.2119, 17.7050,
1.7724

Harmonies

Analogous

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



49.4663, 41.8768, 40.6749



47.0847, 41.8768, 30.4123



42.8166, 41.8768, 25.0151

Triad

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



47.0847, 41.8768, 30.4123



31.7533, 41.8768, 37.6820



41.6138, 41.8768, 76.4228

Complementary

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



47.0847, 41.8768, 30.4123



45.5920, 54.0330, 77.1337

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.



36.9335, 41.8768, 75.1773



47.0847, 41.8768, 30.4123



31.4874, 41.8768, 50.9003

Square

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



47.0847, 41.8768, 30.4123



34.0706, 41.8768, 28.5985



33.3130, 41.8768, 65.1439



46.1440, 41.8768, 68.2684

Rectangle

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



47.0847, 41.8768, 30.4123



39.6038, 41.8768, 24.0987



33.3130, 41.8768, 65.1439



40.0022, 41.8768, 77.1263

Sweetspot

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



47.0858, 41.8788, 30.4131



84.2680, 85.1429, 84.6297



50.4296, 38.6570, 62.0774



17.7733, 17.8589, 17.5276



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



47.0858, 41.8788, 30.4131



60.0815, 51.0346, 32.5913



55.2278, 58.1628, 33.1271



13.9500, 14.1861, 14.3097



18.6067, 10.6514, 1.0752



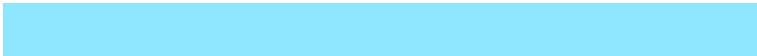
1.3558, 0.8705, 0.0966

Inverse Universe

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



45.5920, 54.0330, 77.1337



57.7413, 69.8382, 105.0446



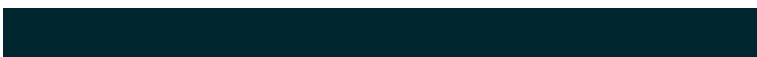
37.1391, 37.1271, 74.3161



13.8479, 15.0349, 17.5599



16.8222, 21.1140, 44.2371



1.2299, 1.5914, 3.0876

Previews

White Background



This preview shows how the XYZ color 47.0847, 41.8768, 30.4123 looks on a white background.

Color Contrast Check

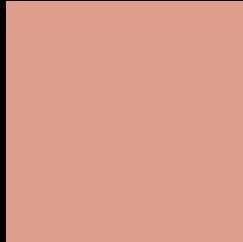
Large Text (above 18pt) WCAG AA × Fail

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 47.0847, 41.8768, 30.4123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

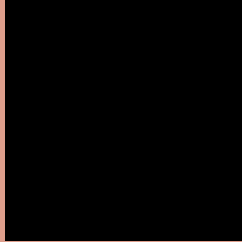
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0847, 41.8768, 30.4123

Background



This preview shows how black text looks on a background with the XYZ color 47.0847, 41.8768, 30.4123.



This preview shows how white text looks on a background with the XYZ color 47.0847, 41.8768,

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

47.0847, 41.8768, 30.4123

Protanopia

39.7385, 42.0610, 33.6279

Deuteranopia

42.7633, 42.0290, 29.9033



Tritanopia

49.4899, 41.8719, 41.5501

Trichromacy



Original Color

47.0847, 41.8768, 30.4123

Protanomaly

42.0626, 41.8892, 32.2540

Deuteranomaly

44.2302, 41.9703, 30.1960

Tritanomaly

48.5476, 41.7243, 37.3931

Monochromacy



Original Color

47.0847, 41.8768, 30.4123

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.4478, 42.1910, 40.0889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0847, 41.8768, 30.4123 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(222, 158, 140)` looks like.

```
.text, #text, p{  
    color:rgb(222, 158, 140)  
}
```

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(222, 158, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 158, 140) }
```

Border

The CSS property to change the border of an element to XYZ 47.0847, 41.8768, 30.4123 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(222, 158, 140) }
```


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

```
.border{ border-color:rgb(222, 158, 140) }
```

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

Here you see how a box with a 4 pixel rgb(222, 158, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 158, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 158, 140);  
box-shadow:4px 4px 4px 4px rgb(222, 158,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0847, 41.8768, 30.4123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 158, 140) }
```

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

```
.background{ background-color: rgb(222,  
158, 140) }
```

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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