

Converting Colors

XYZ(48.4830, 48.9679, 32.0957)

Have a look what the booklet for
XYZ(48.4830, 48.9679, 32.0957)
contains.

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Color

**XYZ(48.4830, 48.9679,
32.0957)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B58D
RGB	212, 181, 141
RGB Percent	83%, 71%, 55%
CMY	0.1686, 0.2902, 0.4471
CMYK	0.00, 0.15, 0.33, 0.17
HSL	34°, 45%, 69%
HSV	34°, 33%, 83%
XYZ	48.4830, 48.9679, 32.0957
YIQ	185.7090, 31.3160, -5.8680

Conversions

Conversions Part 2

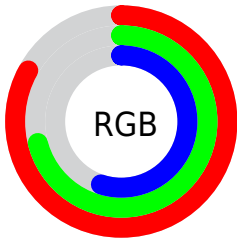
Format	Color
R _Y B	196, 212, 141
Decimal	13940109
CIE Lab	75.43, 5.40, 24.54
CIE LCh	75, 25.124, 77.582
Yxy	48.9679, 0.3743, 0.3780
Android (android.graphics.Color)	4292130189 (0xFFD4B58D)
YUV	185.7090, -22.0415, 23.0572
Hunter-Lab	69.9771, 1.2123, 21.7900

Details

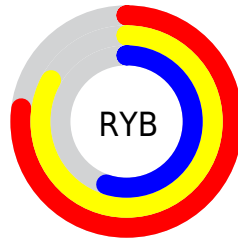
The XYZ color **48.4830, 48.9679, 32.0957** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.6203, 39.9200, 68.0100**, and the grayscale version is **46.6175, 49.0452, 53.4102**.

A 20% lighter version of the original color is **81.3745, 85.7685, 63.8958**, and **23.2749, 23.2444, 12.9328** is the 20% darker color. If you saturate the color by 10%, you get **45.2346, 44.7585, 23.9613**, and if you desaturate by 10%, it is **52.1609, 53.5527, 41.8640**.

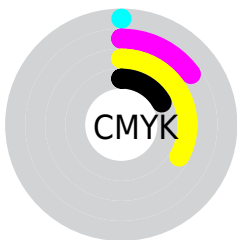
Distribution



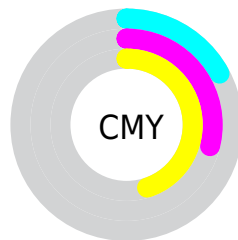
- Red (83%)
- Green (71%)
- Blue (55%)



- Red (77%)
- Yellow (83%)
- Blue (55%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)
- Black (17%)





- Cyan (17%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4830, 48.9679, 32.0957 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 48.4830, 48.9679, 32.0957 by changing the saturation by 10% instead.


 48.4830, 48.9679,
32.0957

 48.4830, 48.9679,
32.0957


371.2542,
382.6159, 326.0611


 34.4224, 34.5940,
21.1692

 87.1285, 88.6438,
64.0607

 23.3827, 23.3503,
13.0553


 112.4440,
114.7146, 85.9363

 14.9986, 14.8524,
7.3354


 142.2419,
145.4531, 112.2987

 8.9047, 8.7159,
3.5911

176.8875,
181.2438, 143.5664

 4.7357, 4.5563,
1.4038

216.7462,
222.4710, 180.1579

 2.1262, 1.9894,
0.1447

262.1833,

 0.7034, 0.6013,

269.5192, 222.4919

0.0000

313.5642,
322.7727, 270.9868

■ 0.0000, 0.0000,
0.0000

■ 48.4830, 48.9679,
32.0957

■ 48.4830, 48.9679,
32.0957

■ 45.2346, 44.7585,
23.9613

■ 52.1609, 53.5527,
41.8640

■ 42.3923, 40.9059,
17.3661

■ 56.2828, 58.5171,
53.3477

■ 39.9359, 37.3999,
12.2098


■ 60.8670, 63.8740,
66.6267


■ 37.8413, 34.2267,
8.3792


■ 65.9297, 69.6331,
81.7746


■ 36.0813, 31.3713,
5.7438


■ 71.4860, 75.8042,
98.8610

 34.6233, 28.8162,
4.1457

 75.3512, 81.5167,
106.3706

 33.8020, 27.2982,
3.4875

 78.0934, 87.0011,
107.2847

 80.9614, 92.7371,
108.2407

Harmonies

Analogous

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



52.8085, 48.9679, 36.6256



48.4830, 48.9679, 32.0957



43.9052, 48.9679, 32.5214

Triad

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



48.4830, 48.9679, 32.0957



38.5624, 48.9679, 61.3949



53.4279, 48.9679, 72.4279

Complementary

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



48.4830, 48.9679, 32.0957



37.6203, 39.9200, 68.0100

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.



49.2834, 48.9679, 81.4982



48.4830, 48.9679, 32.0957



40.7929, 48.9679, 74.4383

Square

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



48.4830, 48.9679, 32.0957



38.3796, 48.9679, 48.0216



44.6545, 48.9679, 82.2896



55.7879, 48.9679, 58.9896

Rectangle

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



48.4830, 48.9679, 32.0957



41.3221, 48.9679, 35.5597



44.6545, 48.9679, 82.2896



52.1851, 48.9679, 76.1788

Sweetspot

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



48.4843, 48.9702, 32.0967



87.7637, 91.5670, 87.5438



44.2146, 36.0625, 44.1407



18.5784, 19.3560, 18.1446



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.



48.4843, 48.9702, 32.0967



70.1529, 69.8862, 39.9289



54.4906, 62.4855, 34.3889



12.9980, 13.5701, 13.0949



20.9690, 17.0552, 2.1868



1.3465, 1.1921, 0.1591

Inverse Universe

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



37.6203, 39.9200, 68.0100



51.2734, 54.1653, 102.3603



33.0070, 29.7828, 66.2965



12.1842, 12.8917, 15.7837



9.8244, 7.9106, 39.4623



0.6741, 0.6402, 2.4074

Previews

White Background



This preview shows how the XYZ color 48.4830, 48.9679, 32.0957 looks on a white background.

Color Contrast Check

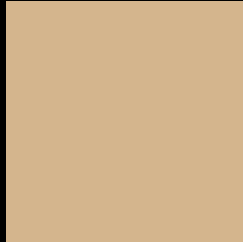
Large Text (above 18pt) WCAG AA × Fail

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 48.4830, 48.9679, 32.0957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

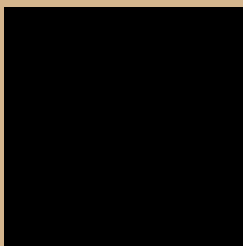
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

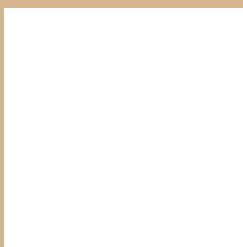
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.4830, 48.9679, 32.0957

Background



This preview shows how black text looks on a background with the XYZ color 48.4830, 48.9679, 32.0957.

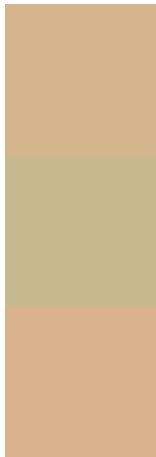


This preview shows how white text looks on a background with the XYZ color 48.4830, 48.9679,

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

48.4830, 48.9679, 32.0957

Protanopia

46.0700, 49.2431, 33.0633

Deuteranopia

50.0163, 48.8539, 32.3848



Tritanopia

53.0223, 49.0425, 54.2485

Trichromacy



Original Color

48.4830, 48.9679, 32.0957

Protanomaly

46.9248, 49.0713, 32.5897

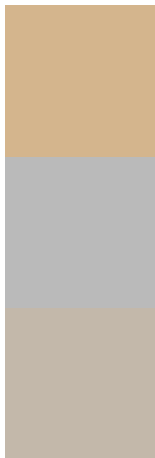
Deuteranomaly

49.3215, 48.7921, 32.4095

Tritanomaly

51.0972, 48.8316, 45.2604

Monochromacy



Original Color

48.4830, 48.9679, 32.0957

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.9019, 48.7854, 44.9747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4830, 48.9679, 32.0957 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(212, 181, 141)` looks like.

```
.text, #text, p{  
    color:rgb(212, 181, 141)  
}
```

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(212, 181, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 181, 141) }
```

Border

The CSS property to change the border of an element to XYZ 48.4830, 48.9679, 32.0957 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(212, 181, 141) }
```


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

```
.border{ border-color:rgb(212, 181, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 181, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 181, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 181, 141);  
box-shadow:4px 4px 4px 4px rgb(212, 181,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4830, 48.9679, 32.0957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 181, 141) }
```

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

```
.background{ background-color: rgb(212,  
181, 141) }
```

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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