

Converting Colors

XYZ(48.9299, 47.1279, 32.0877)

Have a look what the booklet for
XYZ(48.9299, 47.1279, 32.0877)
contains.

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Color

**XYZ(48.9320, 47.1305,
32.1093)**

Conversions

Conversions Part 1

Format	Color
Hex	DAAE8E
RGB	218, 174, 142
RGB Percent	85%, 68%, 56%
CMY	0.1451, 0.3176, 0.4431
CMYK	0.00, 0.20, 0.35, 0.15
HSL	25°, 51%, 71%
HSV	25°, 35%, 85%
XYZ	48.9320, 47.1305, 32.1093
YIQ	183.5080, 36.4960, -0.6240

Conversions

Conversions Part 2

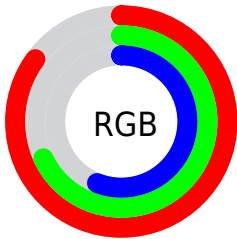
Format	Color
R _Y B	218, 197, 142
Decimal	14331534
CIE Lab	74.27, 11.62, 22.52
CIE LCh	74, 25.343, 62.699
Yxy	47.1305, 0.3818, 0.3677
Android (android.graphics.Color)	4292521614 (0xFFDAAE8E)
YUV	183.5080, -20.4634, 30.2495
Hunter-Lab	68.6517, 7.0869, 20.3254

Details

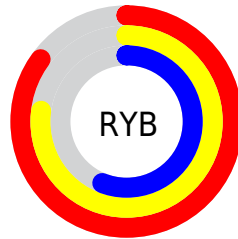
The XYZ color **48.9320, 47.1305, 32.1093** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.3686, 45.9291, 73.0147**, and the grayscale version is **45.3848, 47.7483, 51.9979**.

A 20% lighter version of the original color is **79.5006, 81.8392, 63.8310**, and **23.7916, 22.3732, 13.1897** is the 20% darker color. If you saturate the color by 10%, you get **45.1283, 41.8912, 23.5408**, and if you desaturate by 10%, it is **53.2873, 52.9605, 42.4419**.

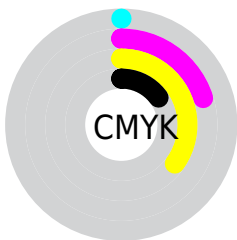
Distribution



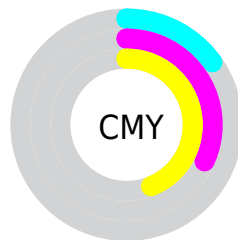
- Red (85%)
- Green (68%)
- Blue (56%)



- Red (85%)
- Yellow (77%)
- Blue (56%)



- Cyan (0%)
- Magenta (20%)
- Yellow (35%)
- Black (15%)





- Cyan (15%)
- Magenta (32%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9320, 47.1305, 32.1093 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 48.9320, 47.1305, 32.1093 by changing the saturation by 10% instead.


 48.9320, 47.1305,
32.1093


 48.9320, 47.1305,
32.1093


372.9960,
375.3352, 326.1249

 34.7799, 33.1388,
21.1795


 87.7918, 85.9084,
64.0823

 23.6591, 22.2328,
13.0627


 113.2301,
111.4634, 85.9626

 15.2043, 14.0281,
7.3405


143.1612,
141.6416, 112.3301

 9.0501, 8.1402,
3.5943

177.9505,
176.8275, 143.6033

 4.8313, 4.1848,
1.4055

217.9632,
217.4054, 180.2009

 2.1823, 1.7775,
0.1460

263.5648,

 0.7334, 0.4731,

263.7597, 222.5413

0.0000

315.1206,
316.2749, 271.0431

■ 0.0000, 0.0000,
0.0000

■ 48.9320, 47.1305,
32.1093

■ 48.9320, 47.1305,
32.1093

■ 45.1283, 41.8912,
23.5408

■ 53.2873, 52.9605,
42.4419

■ 41.8476, 37.2158,
16.6327

■ 58.2140, 59.3934,
54.6285

■ 39.0638, 33.0852,
11.2748

■ 63.7349, 66.4495,
68.7561

■ 36.7468, 29.4763,
7.3422

■ 69.8706, 74.1460,
84.9055

■ 34.8623, 26.3638,
4.6902

■ 76.6408, 82.4994,
103.1527

■ 33.3696, 23.7192,
3.1423

■ 81.0634, 90.3254,
107.7698

■ 32.7236, 22.5256,
2.6231

■ 82.7235, 93.6455,
108.3231

Harmonies

Analogous

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



52.5731, 47.1305, 38.9313



48.9320, 47.1305, 32.1093



44.3853, 47.1305, 30.1290

Triad

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



48.9320, 47.1305, 32.1093



36.6094, 47.1305, 52.5064



49.6930, 47.1305, 75.4349

Complementary

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



48.9320, 47.1305, 32.1093



41.3686, 45.9291, 73.0147

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.



45.2095, 47.1305, 80.6507



48.9320, 47.1305, 32.1093



37.8266, 47.1305, 66.0854

Square

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



48.9320, 47.1305, 32.1093



37.4597, 47.1305, 40.6565



40.9001, 47.1305, 76.9710



53.0329, 47.1305, 63.6951

Rectangle

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



48.9320, 47.1305, 32.1093



41.5027, 47.1305, 31.4909



40.9001, 47.1305, 76.9710



48.2593, 47.1305, 78.0913

Sweetspot

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



48.9332, 47.1327, 32.1103



86.6831, 89.4057, 87.1836



47.4852, 37.8113, 51.4364



18.3173, 18.8337, 18.0575



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.



48.9332, 47.1327, 32.1103



65.6476, 61.5353, 36.3930



57.2564, 63.7791, 34.8847



13.5044, 13.9482, 13.7061



19.7061, 13.6977, 1.6053



1.3607, 1.0555, 0.1320

Inverse Universe

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



41.3686, 45.9291, 73.0147



53.2663, 59.5499, 103.2946



34.4530, 32.0979, 70.7094



12.9616, 13.8629, 16.6448



12.1752, 12.2199, 41.4554



0.8733, 0.9608, 2.7139

Previews

White Background



This preview shows how the XYZ color 48.9320, 47.1305, 32.1093 looks on a white background.

Color Contrast Check

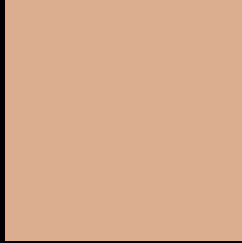
Large Text (above 18pt) WCAG AA × Fail

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 48.9320, 47.1305, 32.1093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

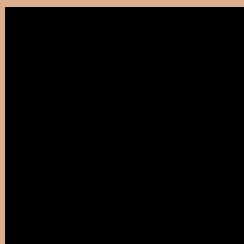
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9320, 47.1305, 32.1093

Background



This preview shows how black text looks on a background with the XYZ color 48.9320, 47.1305, 32.1093.



This preview shows how white text looks on a background with the XYZ color 48.9320, 47.1305,

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

48.9320, 47.1305, 32.1093

Protanopia

44.3699, 47.4116, 34.0069

Deuteranopia

48.1394, 47.2998, 32.1837



Tritanopia

52.7557, 47.2829, 50.6020

Trichromacy



Original Color

48.9320, 47.1305, 32.1093

Protanomaly

46.0607, 47.3834, 33.5063

Deuteranomaly

48.2368, 47.0600, 32.1323

Tritanomaly

51.3568, 47.2880, 42.9799

Monochromacy



Original Color

48.9320, 47.1305, 32.1093

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.2476, 47.2429, 44.2174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9320, 47.1305, 32.1093 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(218, 174, 142)` looks like.

```
.text, #text, p{  
    color:rgb(218, 174, 142)  
}
```

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(218, 174, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 174, 142) }
```

Border

The CSS property to change the border of an element to XYZ 48.9320, 47.1305, 32.1093 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(218, 174, 142) }
```


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

```
.border{ border-color:rgb(218, 174, 142) }
```

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

Here you see how a box with a 4 pixel rgb(218, 174, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 174, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 174, 142);  
box-shadow:4px 4px 4px 4px rgb(218, 174,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9320, 47.1305, 32.1093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 174, 142) }
```

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

```
.background{ background-color: rgb(218,  
174, 142) }
```

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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