

Converting Colors

XYZ(47.9500, 43.7255, 31.8204)

Have a look what the booklet for
XYZ(47.9500, 43.7255, 31.8204)
contains.

XYZ(48.0522, 43.9062, 31.9287)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.0522, 43.9062,
31.9287)**

Conversions

Conversions Part 1

Format	Color
Hex	DDA48F
RGB	221, 164, 143
RGB Percent	87%, 64%, 56%
CMY	0.1333, 0.3568, 0.4392
CMYK	0.00, 0.26, 0.35, 0.13
HSL	16°, 53%, 71%
HSV	16°, 35%, 87%
XYZ	48.0522, 43.9062, 31.9287
YIQ	178.6490, 40.7130, 5.5530

Conversions

Conversions Part 2

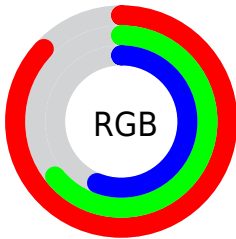
Format	Color
R_{YB}	221, 172, 143
Decimal	14525583
CIE _{Lab}	72.17, 18.29, 19.14
CIE _{LCh}	72, 26.473, 46.294
Yxy	43.9062, 0.3879, 0.3544
Android (android.graphics.Color)	4292715663 (0xFFDDA48F)
YUV	178.6490, -17.5750, 37.1418
Hunter-Lab	66.2618, 13.4879, 17.8139

Details

The XYZ color **48.0522, 43.9062, 31.9287** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.0325, 52.3670, 76.1412**, and the grayscale version is **42.7372, 44.9629, 48.9646**.

A 20% lighter version of the original color is **76.6496, 75.9543, 63.4441**, and **23.0798, 20.2712, 13.0522** is the 20% darker color. If you saturate the color by 10%, you get **43.8315, 37.8851, 23.0598**, and if you desaturate by 10%, it is **52.9720, 50.7973, 42.6586**.

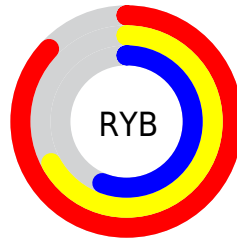
Distribution



Red (87%)

Green (64%)

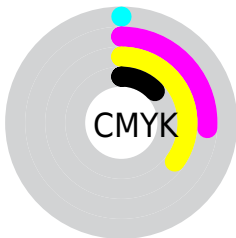
Blue (56%)



Red (87%)

Yellow (67%)

Blue (56%)

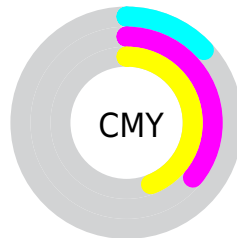


Cyan (0%)

Magenta (26%)

Yellow (35%)

Black (13%)



Cyan (13%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0522, 43.9062, 31.9287 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 48.0522, 43.9062, 31.9287 by changing the saturation by 10% instead.


 48.0522, 43.9062,
31.9287


 48.0522, 43.9062,
31.9287


369.5781,
362.3254, 325.2770

 34.0797, 30.5968,
21.0427


 86.4913, 81.0766,
63.7959

 23.1180, 20.2920,
12.9637


 111.6886,
105.7063, 85.6142

 14.8018, 12.6075,
7.2731


141.3583,
134.8783, 111.9136

 8.7658, 7.1588,
3.5524

175.8655,
168.9769, 143.1127

 4.6446, 3.5616,
1.3832

215.5758,
208.3865, 179.6301

 2.0729, 1.4315,
0.1285

260.8544,

 0.6744, 0.2398,

253.4915, 221.8842

0.0000

312.0667,
304.6763, 270.2937

■ 0.0000, 0.0000,
0.0000

■ 48.0522, 43.9062,
31.9287

■ 48.0522, 43.9062,
31.9287

■ 43.8315, 37.8851,
23.0598

■ 52.9720, 50.7973,
42.6586

■ 40.2732, 32.6927,
15.9423

■ 58.6184, 58.5854,
55.3454

■ 37.3426, 28.2932,
10.4590

■ 65.0214, 67.3037,
70.0813

■ 34.9998, 24.6459,
6.4770

■ 72.2083, 76.9822,
86.9522

■ 33.1998, 21.7059,
3.8423

■ 80.2051, 87.6492,
106.0386

■ 31.8897, 19.4227,
2.3669

■ 83.6289, 94.1122,
108.3655

■ 31.4093, 18.5531,
1.9256

Harmonies

Analogous

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



50.6745, 43.9062, 41.1358



48.0522, 43.9062, 31.9287



43.8323, 43.9062, 27.4150

Triad

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



48.0522, 43.9062, 31.9287



33.8192, 43.9062, 42.1291



44.2264, 43.9062, 76.0105

Complementary

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



48.0522, 43.9062, 31.9287



45.0325, 52.3670, 76.1412

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.



39.6990, 43.9062, 76.4088



48.0522, 43.9062, 31.9287



33.9079, 43.9062, 55.1617

Square

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



48.0522, 43.9062, 31.9287



35.7393, 43.9062, 32.5418



35.9909, 43.9062, 68.2301



48.3587, 43.9062, 67.2243

Rectangle

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



48.0522, 43.9062, 31.9287



40.7828, 43.9062, 27.0298



35.9909, 43.9062, 68.2301



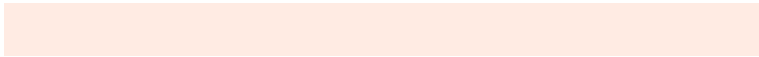
42.6949, 43.9062, 77.1779

Sweetspot

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



48.0533, 43.9083, 31.9296



84.6646, 85.9361, 84.7619



50.0903, 39.1970, 59.6923



17.8673, 18.0468, 17.5590



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.



48.0533, 43.9083, 31.9296



62.2484, 54.7369, 35.2599



56.0857, 59.9731, 34.6070



13.3399, 13.6191, 13.6512



18.3265, 10.9386, 1.1454



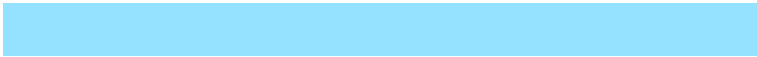
1.2581, 0.8503, 0.0978

Inverse Universe

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



45.0325, 52.3670, 76.1412



57.4843, 67.9859, 104.7006



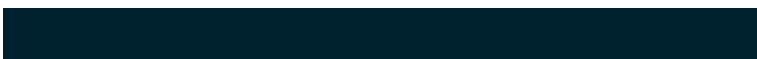
37.1591, 36.6203, 73.5167



13.1329, 14.2055, 16.7019



15.1330, 18.1354, 42.4413



1.0501, 1.3144, 2.7728

Previews

White Background



This preview shows how the XYZ color 48.0522, 43.9062, 31.9287 looks on a white background.

Color Contrast Check

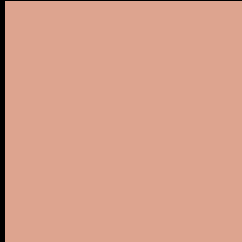
Large Text (above 18pt) WCAG AA × Fail

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 48.0522, 43.9062, 31.9287 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 48.0522, 43.9062, 31.9287

Background



This preview shows how black text looks on a background with the XYZ color 48.0522, 43.9062, 31.9287.



This preview shows how white text looks on a background with the XYZ color 48.0522, 43.9062,

31.9287.

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

48.0522, 43.9062, 31.9287

Protanopia

41.6405, 44.1790, 34.7665

Deuteranopia

44.7108, 43.8243, 31.6936



Tritanopia

50.7577, 43.9675, 44.8411

Trichromacy



Original Color

48.0522, 43.9062, 31.9287

Protanomaly

43.5722, 43.7537, 33.7526

Deuteranomaly

45.7491, 43.8071, 31.6356

Tritanomaly

49.6093, 43.7509, 39.5483

Monochromacy



Original Color

48.0522, 43.9062, 31.9287

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.2671, 44.4946, 42.3316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0522, 43.9062, 31.9287 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(221, 164, 143)` looks like.

```
.text, #text, p{  
    color:rgb(221, 164, 143)  
}
```

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(221, 164, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 164, 143) }
```

Border

The CSS property to change the border of an element to XYZ 48.0522, 43.9062, 31.9287 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(221, 164, 143) }
```


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

```
.border{ border-color:rgb(221, 164, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 164, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 164, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 164, 143);  
box-shadow:4px 4px 4px 4px rgb(221, 164,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0522, 43.9062, 31.9287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 164, 143) }
```

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

```
.background{ background-color: rgb(221,  
164, 143) }
```

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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