

Converting Colors

XYZ(48.8223, 47.4728, 40.3082)

Have a look what the booklet for
XYZ(48.8223, 47.4728, 40.3082)
contains.

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Color

**XYZ(48.8223, 47.4728,
40.3082)**

Conversions

Conversions Part 1

Format	Color
Hex	D3B0A1
RGB	211, 176, 161
RGB Percent	83%, 69%, 63%
CMY	0.1725, 0.3098, 0.3686
CMYK	0.00, 0.17, 0.24, 0.17
HSL	18°, 36%, 73%
HSV	18°, 24%, 83%
XYZ	48.8223, 47.4728, 40.3082
YIQ	184.7550, 25.6750, 2.7550

Conversions

Conversions Part 2

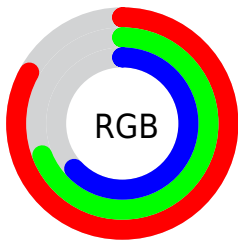
Format	Color
R_{YB}	211, 182, 161
Decimal	13873313
CIE _{Lab}	74.49, 10.38, 12.41
CIE _{LCh}	74, 16.184, 50.083
Yxy	47.4728, 0.3574, 0.3475
Android (android.graphics.Color)	4292063393 (0xFFD3B0A1)
YUV	184.7550, -11.7112, 23.0169
Hunter-Lab	68.9005, 5.9077, 13.5445

Details

The XYZ color **48.8223, 47.4728, 40.3082** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.1952, 51.7585, 69.1838**, and the grayscale version is **46.0320, 48.4293, 52.7395**.

A 20% lighter version of the original color is **82.4913, 83.9311, 76.8183**, and **23.5536, 22.3380, 17.5382** is the 20% darker color. If you saturate the color by 10%, you get **44.3767, 41.3122, 30.4080**, and if you desaturate by 10%, it is **53.8995, 54.3934, 51.9691**.

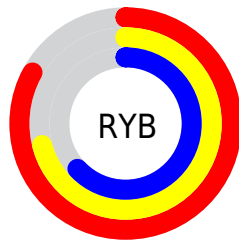
Distribution



Red (83%)

Green (69%)

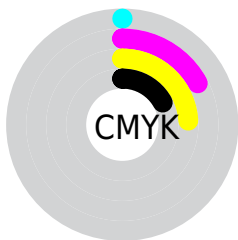
Blue (63%)



Red (83%)

Yellow (71%)

Blue (63%)

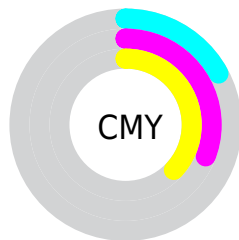


Cyan (0%)

Magenta (17%)

Yellow (24%)

Black (17%)



Cyan (17%)


Magenta (31%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.8223, 47.4728, 40.3082 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 48.8223, 47.4728, 40.3082 by changing the saturation by 10% instead.


 48.8223, 47.4728,
40.3082


 48.8223, 47.4728,
40.3082


372.5709,
376.6986, 363.0115

 34.6925, 33.4096,
27.4633


 87.6298, 86.4189,
76.8748

 23.5915, 22.4404,
17.6860


 113.0382,
112.0706, 101.4336

 15.1540, 14.1809,
10.5577

142.9368,
142.3540, 130.7342

 9.0145, 8.2466,
5.6598

177.6910,
177.6533, 165.1949

 4.8078, 4.2531,
2.5739

217.6662,
218.3530, 205.2345

 2.1686, 1.8161,
0.8790

263.2276,

 0.7261, 0.4972,

264.8376, 251.2715

0.0000

314.7408,
317.4913, 303.7243

0.0000, 0.0000,
0.0000

48.8223, 47.4728,
40.3082

48.8223, 47.4728,
40.3082

44.3767, 41.3122,
30.4080

53.8995, 54.3934,
51.9691

40.5332, 35.8787,
22.1793

59.6287, 62.0926,
65.4682

37.2653, 31.1466,
15.5293

66.0341, 70.5964,
80.8817

34.5430, 27.0860,
10.3551

73.1375, 79.9274,
98.2807

32.3333, 23.6647,
6.5414

79.0519, 89.3446,
107.6865

■ 30.5990, 20.8475,
3.9551

■ 80.6740, 92.5889,
108.2272

■ 29.2968, 18.5951,
2.4361

■ 28.6592, 17.4393,
1.8556

Harmonies

Analogous

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



50.6048, 47.4728, 46.3608



48.8223, 47.4728, 40.3082



46.0957, 47.4728, 37.4087

Triad

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



48.8223, 47.4728, 40.3082



39.8119, 47.4728, 48.9687



47.0777, 47.4728, 68.3168

Complementary

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



48.8223, 47.4728, 40.3082



46.1952, 51.7585, 69.1838

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.



44.1611, 47.4728, 69.2091



48.8223, 47.4728, 40.3082



40.0493, 47.4728, 57.4123

Square

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



48.8223, 47.4728, 40.3082



40.9493, 47.4728, 42.0399



41.6126, 47.4728, 65.0345



49.5678, 47.4728, 62.7137

Rectangle

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



48.8223, 47.4728, 40.3082



44.1453, 47.4728, 37.4152



41.6126, 47.4728, 65.0345



46.1119, 47.4728, 69.1992

Sweetspot

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



48.8236, 47.4750, 40.3092



88.4511, 91.1894, 93.1752



49.5730, 43.3247, 57.9746



18.8156, 19.3619, 19.6678



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.



48.8236, 47.4750, 40.3092



71.6874, 68.3791, 54.5480



54.1839, 58.1957, 42.0960



12.0938, 12.3783, 12.3639



17.3747, 10.6824, 1.1462



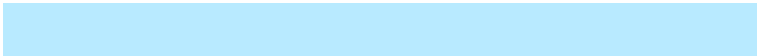
1.0409, 0.7362, 0.0872

Inverse Universe

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



46.1952, 51.7585, 69.1838



67.0231, 75.9642, 105.7378



41.0193, 41.4066, 67.4585



11.8464, 12.7831, 15.0867



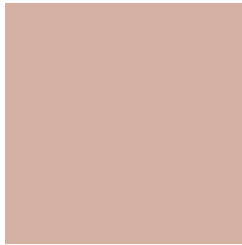
13.5502, 15.7471, 39.5178



0.8253, 1.0158, 2.2321

Previews

White Background



This preview shows how the XYZ color 48.8223, 47.4728, 40.3082 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 48.8223, 47.4728, 40.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

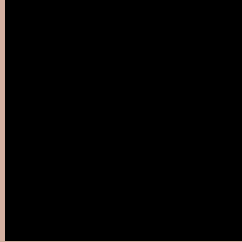
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.8223, 47.4728, 40.3082

Background



This preview shows how black text looks on a background with the XYZ color 48.8223, 47.4728, 40.3082.



This preview shows how white text looks on a background with the XYZ color 48.8223, 47.4728,

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

48.8223, 47.4728, 40.3082

Protanopia

45.2109, 47.6600, 42.4137

Deuteranopia

48.4497, 47.5728, 40.3471



Tritanopia

51.3470, 47.3464, 52.8869

Trichromacy



Original Color

48.8223, 47.4728, 40.3082

Protanomaly

46.3108, 47.3286, 41.8165

Deuteranomaly

48.7335, 47.7191, 40.3604

Tritanomaly

50.3200, 47.2076, 48.0548

Monochromacy



Original Color

48.8223, 47.4728, 40.3082

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.8126, 48.0598, 47.8835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8223, 47.4728, 40.3082 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(211, 176, 161)` looks like.

```
.text, #text, p{  
    color:rgb(211, 176, 161)  
}
```

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(211, 176, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 176, 161) }
```

Border

The CSS property to change the border of an element to XYZ 48.8223, 47.4728, 40.3082 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(211, 176, 161) }
```


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

```
.border{ border-color:rgb(211, 176, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 176, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 176, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 176, 161);  
box-shadow:4px 4px 4px 4px rgb(211, 176,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8223, 47.4728, 40.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 176, 161) }
```

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

```
.background{ background-color: rgb(211,  
176, 161) }
```

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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