

Converting Colors

XYZ(48.9866, 47.5055, 42.6640)

Have a look what the booklet for
XYZ(48.9866, 47.5055, 42.6640)
contains.

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Color

**XYZ(48.9866, 47.5055,
42.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B0A6
RGB	210, 176, 166
RGB Percent	82%, 69%, 65%
CMY	0.1765, 0.3098, 0.3490
CMYK	0.00, 0.16, 0.21, 0.18
HSL	14°, 33%, 74%
HSV	14°, 21%, 82%
XYZ	48.9866, 47.5055, 42.6640
YIQ	185.0260, 23.4740, 4.0980

Conversions

Conversions Part 2

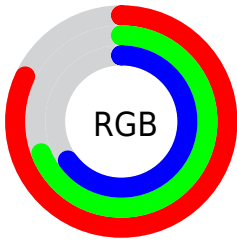
Format	Color
RYP	210, 179, 166
Decimal	13807782
CIELab	74.51, 10.74, 9.70
CIElCh	75, 14.477, 42.087
Yxy	47.5055, 0.3520, 0.3414
Android (android.graphics.Color)	4291997862 (0xFFD2B0A6)
YUV	185.0260, -9.3798, 21.9022
Hunter-Lab	68.9242, 6.2481, 11.5465

Details

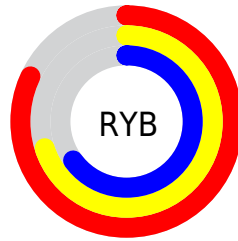
The XYZ color **48.9866, 47.5055, 42.6640** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.0125, 54.0672, 68.8785**, and the grayscale version is **46.1710, 48.5755, 52.8987**.

A 20% lighter version of the original color is **83.1478, 84.1937, 80.2753**, and **23.6378, 22.3494, 18.9876** is the 20% darker color. If you saturate the color by 10%, you get **44.2221, 40.8115, 32.3352**, and if you desaturate by 10%, it is **54.4486, 55.0902, 54.7782**.

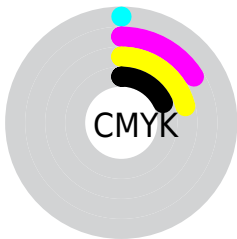
Distribution



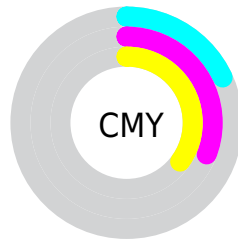
- Red (82%)
- Green (69%)
- Blue (65%)



- Red (82%)
- Yellow (70%)
- Blue (65%)



- Cyan (0%)
- Magenta (16%)
- Yellow (21%)
- Black (18%)




- Cyan (18%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9866, 47.5055, 42.6640 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 48.9866, 47.5055, 42.6640 by changing the saturation by 10% instead.


 48.9866, 47.5055,
42.6640


 48.9866, 47.5055,
42.6640


373.2074,
376.8287, 373.1087

 34.8233, 33.4355,
29.2921


 87.8724, 86.4677,
80.4845

 23.6927, 22.4602,
19.0544


 113.3256,
112.1286, 105.7702

 15.2293, 14.1955,
11.5324


143.2729,
142.4220, 135.8642

 9.0679, 8.2567,
6.3075

178.0796,
177.7321, 171.1852

 4.8429, 4.2597,
2.9611

218.1110,
218.4435, 212.1515

 2.1892, 1.8199,
1.0748

263.7326,

 0.7370, 0.4995,

264.9404, 259.1819

0.0000

315.3096,
317.6074, 312.6948

■ 0.0000, 0.0000,
0.0000

■ 48.9866, 47.5055,
42.6640

■ 48.9866, 47.5055,
42.6640

■ 44.2221, 40.8115,
32.3352

■ 54.4486, 55.0902,
54.7782

■ 40.1226, 34.9688,
23.7042

■ 60.6310, 63.5902,
68.7540

■ 36.6587, 29.9449,
16.6801

■ 67.5606, 73.0372,
84.6666

■ 33.7973, 25.7025,
11.1626

■ 75.2617, 83.4592,
102.5862

■ 31.5021, 22.2012,
7.0400

■ 80.3885, 92.4417,
108.2139

■ 29.7325, 19.3970,
4.1845

■ 28.4420, 17.2407,
2.4449

■ 27.6251, 15.7950,
1.5927

Harmonies

Analogous

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



50.2482, 47.5055, 48.7691



48.9866, 47.5055, 42.6640



46.7163, 47.5055, 39.2010

Triad

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



48.9866, 47.5055, 42.6640



40.5365, 47.5055, 47.4228



46.2133, 47.5055, 67.1176

Complementary

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



48.9866, 47.5055, 42.6640



48.0125, 54.0672, 68.8785

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.



43.6241, 47.5055, 66.6682



48.9866, 47.5055, 42.6640



40.4136, 47.5055, 54.7988

Square

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



48.9866, 47.5055, 42.6640



41.8665, 47.5055, 41.7606



41.5240, 47.5055, 61.9868



48.6062, 47.5055, 63.1613

Rectangle

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



48.9866, 47.5055, 42.6640



44.9697, 47.5055, 38.6317



41.5240, 47.5055, 61.9868



45.3359, 47.5055, 67.4866

Sweetspot

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



48.9879, 47.5077, 42.6650



89.0277, 91.7417, 95.2203



50.6950, 45.1666, 60.9765



18.9207, 19.4510, 20.0764



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.



48.9879, 47.5077, 42.6650



72.6814, 69.0524, 58.9323



53.5492, 56.6304, 44.1854



12.0237, 12.2381, 12.3405



16.9140, 9.7611, 0.9926



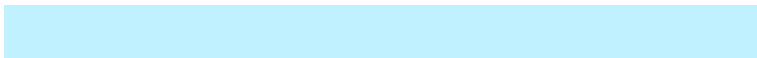
1.0072, 0.6687, 0.0760

Inverse Universe

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



48.0125, 54.0672, 68.8785



70.9079, 80.9469, 106.4948



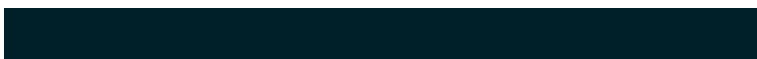
43.3727, 44.7875, 67.3319



11.9209, 12.9322, 15.1115



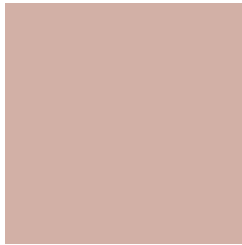
15.0830, 18.8127, 40.0287



0.9005, 1.1662, 2.2572

Previews

White Background



This preview shows how the XYZ color 48.9866, 47.5055, 42.6640 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 48.9866, 47.5055, 42.6640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

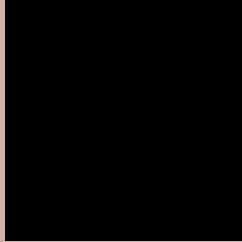
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9866, 47.5055, 42.6640

Background



This preview shows how black text looks on a background with the XYZ color 48.9866, 47.5055, 42.6640.



This preview shows how white text looks on a background with the XYZ color 48.9866, 47.5055,

42.6640.

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

48.9866, 47.5055, 42.6640

Protanopia

45.4244, 47.7164, 44.8463

Deuteranopia

48.6175, 47.6074, 42.7031



Tritanopia

50.9579, 47.4294, 52.9234

Trichromacy



Original Color

48.9866, 47.5055, 42.6640

Protanomaly

46.5086, 47.3774, 44.2296

Deuteranomaly

48.8996, 47.7528, 42.7163

Tritanomaly

50.1367, 47.3757, 49.1498

Monochromacy



Original Color

48.9866, 47.5055, 42.6640

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.0120, 48.1396, 48.9336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9866, 47.5055, 42.6640 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(210, 176, 166) looks like.

```
.text, #text, p{  
    color:rgb(210, 176, 166)  
}
```

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(210, 176, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 176, 166) }
```

Border

The CSS property to change the border of an element to XYZ 48.9866, 47.5055, 42.6640 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(210, 176, 166) }
```


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

```
.border{ border-color:rgb(210, 176, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 176, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 176, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 176, 166);  
box-shadow:4px 4px 4px 4px rgb(210, 176,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9866, 47.5055, 42.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 176, 166) }
```

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

```
.background{ background-color: rgb(210,  
176, 166) }
```

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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