

Converting Colors

XYZ(48.5845, 47.5066, 40.8881)

Have a look what the booklet for
XYZ(48.5845, 47.5066, 40.8881)
contains.

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Color

**XYZ(48.5382, 47.6082,
40.8135)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B1A2
RGB	209, 177, 162
RGB Percent	82%, 69%, 64%
CMY	0.1804, 0.3059, 0.3647
CMYK	0.00, 0.15, 0.22, 0.18
HSL	19°, 34%, 73%
HSV	19°, 22%, 82%
XYZ	48.5382, 47.6082, 40.8135
YIQ	184.8580, 23.8870, 2.1190

Conversions

Conversions Part 2

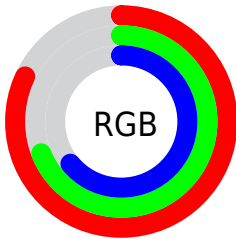
Format	Color
RYB	209, 184, 162
Decimal	13742498
CIELab	74.58, 9.24, 11.96
CIElCh	75, 15.114, 52.330
Yxy	47.6082, 0.3544, 0.3476
Android (android.graphics.Color)	4291932578 (0xFFD1B1A2)
YUV	184.8580, -11.2690, 21.1725
Hunter-Lab	68.9987, 4.8209, 13.2284

Details

The XYZ color **48.5382, 47.6082, 40.8135** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.7003, 50.8671, 67.7315**, and the grayscale version is **46.0875, 48.4877, 52.8031**.

A 20% lighter version of the original color is **82.9033, 84.5476, 77.5955**, and **23.3486, 22.4111, 17.8470** is the 20% darker color. If you saturate the color by 10%, you get **44.1675, 41.5968, 30.9400**, and if you desaturate by 10%, it is **53.5133, 54.3335, 52.4130**.

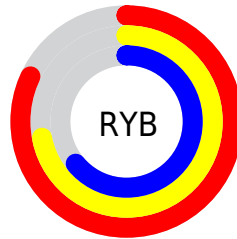
Distribution



Red (82%)

Green (69%)

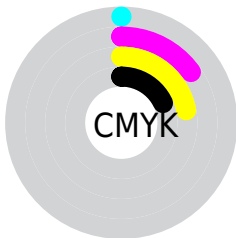
Blue (64%)



Red (82%)

Yellow (72%)

Blue (64%)

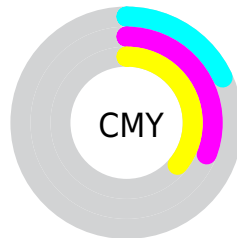


Cyan (0%)

Magenta (15%)

Yellow (22%)

Black (18%)



Cyan (18%)


Magenta (31%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5382, 47.6082, 40.8135 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 48.5382, 47.6082, 40.8135 by changing the saturation by 10% instead.


 48.5382, 47.6082,
40.8135


 48.5382, 47.6082,
40.8135


371.4687,
377.2370, 365.1941

 34.4663, 33.5167,
27.8548

 87.2100, 86.6208,
77.6513

 23.4166, 22.5226,
17.9781

 112.5407,
112.3106, 102.3674

 15.0238, 14.2414,
10.7650


142.3550,
142.6354, 131.8398

 8.9225, 8.2887,
5.7969

177.0183,
177.9795, 166.4870

 4.7474, 4.2803,
2.6552

216.8960,
218.7274, 206.7274

 2.1331, 1.8315,
0.9207

262.3534,

 0.7071, 0.5067,

265.2633, 252.9797

0.0000

313.7558,
317.9717, 305.6624

■ 0.0000, 0.0000,
0.0000

■ 48.5382, 47.6082,
40.8135

■ 48.5382, 47.6082,
40.8135

■ 44.1675, 41.5968,
30.9400

■ 53.5133, 54.3335,
52.4130

■ 40.3733, 36.2688,
22.7061

■ 59.1117, 61.7891,
65.8130

■ 37.1307, 31.6011,
16.0227

■ 65.3562, 69.9987,
81.0873

■ 34.4119, 27.5665,
10.7906

■ 72.2673, 78.9832,
98.3049

■ 32.1858, 24.1361,
6.8991

■ 77.9567, 87.9995,
107.4846

■ 30.4181, 21.2780,
4.2215

■ 80.1046, 92.2954,
108.2006

■ 29.0685, 18.9571,
2.6056

■ 28.2852, 17.5365,
1.8941

Harmonies

Analogous

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



50.2874, 47.6082, 46.3266



48.5382, 47.6082, 40.8135



45.9552, 47.6082, 38.3064

Triad

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



48.5382, 47.6082, 40.8135



40.2393, 47.6082, 49.8544



47.2763, 47.6082, 67.0424

Complementary

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



48.5382, 47.6082, 40.8135



45.7003, 50.8671, 67.7315

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.



44.5524, 47.6082, 68.2293



48.5382, 47.6082, 40.8135



40.5611, 47.6082, 57.7684

Square

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



48.5382, 47.6082, 40.8135



41.2166, 47.6082, 43.1731



42.1141, 47.6082, 64.6862



49.5386, 47.6082, 61.5893

Rectangle

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



48.5382, 47.6082, 40.8135



44.1372, 47.6082, 38.4804



42.1141, 47.6082, 64.6862



46.3817, 47.6082, 67.9743

Sweetspot

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



48.5395, 47.6104, 40.8145



88.5532, 91.3936, 93.2092



48.9660, 43.2968, 56.8844



18.8392, 19.4091, 19.6756



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.



48.5395, 47.6104, 40.8145



72.7063, 69.9864, 56.2147



53.5596, 57.6507, 42.4879



12.1124, 12.4155, 12.3701



17.5189, 10.9708, 1.1942



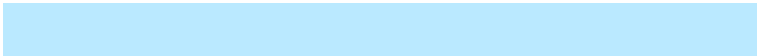
1.0507, 0.7558, 0.0905

Inverse Universe

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



45.7003, 50.8671, 67.7315



67.4809, 75.9674, 105.7143



40.9001, 41.2667, 66.1315



11.8269, 12.7441, 15.0802



13.1780, 15.0026, 39.3937



0.8067, 0.9786, 2.2259

Previews

White Background



This preview shows how the XYZ color 48.5382, 47.6082, 40.8135 looks on a white background.

Color Contrast Check

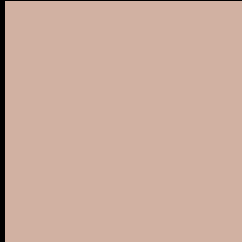
Large Text (above 18pt) WCAG AA × Fail

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 48.5382, 47.6082, 40.8135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

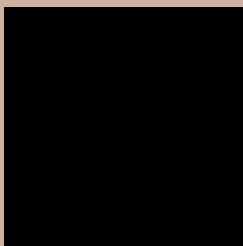
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

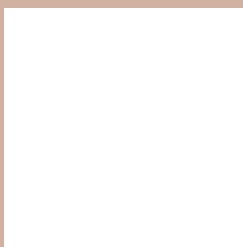
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.5382, 47.6082, 40.8135

Background



This preview shows how black text looks on a background with the XYZ color 48.5382, 47.6082, 40.8135.



This preview shows how white text looks on a background with the XYZ color 48.5382, 47.6082,

40.8135.

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

48.5382, 47.6082, 40.8135

Protanopia

45.2109, 47.6600, 42.4137

Deuteranopia

48.5382, 47.6082, 40.8135



Tritanopia

51.0646, 47.4720, 53.4853

Trichromacy



Original Color

48.5382, 47.6082, 40.8135

Protanomaly

46.5134, 47.7338, 41.8840

Deuteranomaly

48.5382, 47.6082, 40.8135

Tritanomaly

50.0359, 47.3353, 48.6189

Monochromacy



Original Color

48.5382, 47.6082, 40.8135

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.9119, 48.0996, 48.4066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5382, 47.6082, 40.8135 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(209, 177, 162)` looks like.

```
.text, #text, p{  
    color:rgb(209, 177, 162)  
}
```

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(209, 177, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 177, 162) }
```

Border

The CSS property to change the border of an element to XYZ 48.5382, 47.6082, 40.8135 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(209, 177, 162) }
```


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

```
.border{ border-color:rgb(209, 177, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 177, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 177, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 177, 162);  
box-shadow:4px 4px 4px 4px rgb(209, 177,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5382, 47.6082, 40.8135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 177, 162) }
```

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

```
.background{ background-color: rgb(209,  
177, 162) }
```

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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