

Converting Colors

XYZ(48.4130, 47.9711, 48.3027)

Have a look what the booklet for
XYZ(48.4130, 47.9711, 48.3027)
contains.

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Color

**XYZ(48.4130, 47.9711,
48.3027)**

Conversions

Conversions Part 1

Format	Color
Hex	CAB3B1
RGB	202, 179, 177
RGB Percent	79%, 70%, 69%
CMY	0.2078, 0.2980, 0.3059
CMYK	0.00, 0.11, 0.12, 0.21
HSL	5°, 19%, 74%
HSV	5°, 12%, 79%
XYZ	48.4130, 47.9711, 48.3027
YIQ	185.6490, 14.3500, 4.2540

Conversions

Conversions Part 2

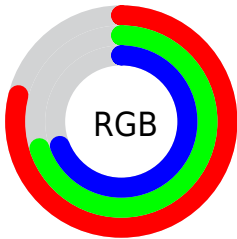
Format	Color
R _{YB}	202, 179, 177
Decimal	13284273
CIE Lab	74.81, 7.90, 4.03
CIE LCh	75, 8.871, 27.014
Yxy	47.9711, 0.3346, 0.3316
Android (android.graphics.Color)	4291474353 (0xFFCAB3B1)
YUV	185.6490, -4.2640, 14.3398
Hunter-Lab	69.2612, 3.5630, 7.1340

Details

The XYZ color **48.4130, 47.9711, 48.3027** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.4461, 54.9187, 63.8718**, and the grayscale version is **46.4944, 48.9157, 53.2692**.

A 20% lighter version of the original color is **85.6563, 86.5599, 89.2839**, and **23.3117, 22.6728, 22.2164** is the 20% darker color. If you saturate the color by 10%, you get **43.0706, 40.2731, 37.3128**, and if you desaturate by 10%, it is **54.5580, 56.7963, 61.0317**.

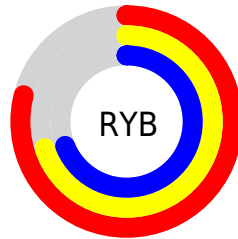
Distribution



Red (79%)

Green (70%)

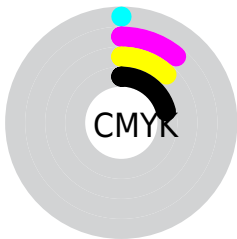
Blue (69%)



Red (79%)

Yellow (70%)

Blue (69%)

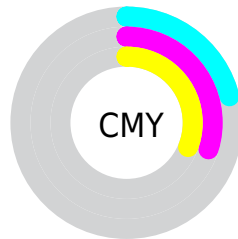


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (21%)



Cyan (21%)


Magenta (30%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4130, 47.9711, 48.3027 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 48.4130, 47.9711, 48.3027 by changing the saturation by 10% instead.

 48.4130, 47.9711,
48.3027

 48.4130, 47.9711,
48.3027

370.9822,
378.6776, 396.5340

 34.3667, 33.8040,
33.7050


 87.0250, 87.1614,
89.0252

 23.3397, 22.7431,
22.3915


112.3213,
112.9533, 115.9870

 14.9666, 14.4039,
13.9438


142.0984,
143.3890, 147.9072

 8.8821, 8.4021,
7.9433

176.7216,
178.8529, 185.2044

 4.7208, 4.3533,
3.9714

216.5562,
219.7293, 228.2972

 2.1175, 1.8731,
1.6097

261.9676,

 0.6987, 0.5321,

266.4026, 277.6040

0.2977

313.3212,
319.2572, 333.5434

■ 0.0000, 0.0000,
0.0000

■ 48.4130, 47.9711,
48.3027

■ 48.4130, 47.9711,
48.3027

■ 43.0706, 40.2731,
37.3128

■ 54.5580, 56.7963,
61.0317

■ 38.4937, 33.6507,
27.9836

■ 61.5327, 66.7847,
75.5674

■ 34.6486, 28.0580,
20.2352

■ 69.3677, 77.9788,
91.9777

■ 31.4970, 23.4432,
13.9798

■ 77.6365, 90.2352,
107.9330

■ 28.9976, 19.7500,
9.1215

■ 78.1673, 91.2966,
108.1099

■ 27.1044, 16.9165,
5.5526

■ 25.7654, 14.8730,
3.1501

■ 24.9197, 13.5390,
1.7669

■ 24.5454, 12.9329,
1.2026

Harmonies

Analogous

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



48.7615, 47.9711, 52.6962



48.4130, 47.9711, 48.3027



47.3037, 47.9711, 45.1336

Triad

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



48.4130, 47.9711, 48.3027



43.0439, 47.9711, 47.5464



45.4338, 47.9711, 61.6096

Complementary

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



48.4130, 47.9711, 48.3027



49.4461, 54.9187, 63.8718

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.



43.9281, 47.9711, 60.0390



48.4130, 47.9711, 48.3027



42.5688, 47.9711, 51.7713

Square

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



48.4130, 47.9711, 48.3027



44.2015, 47.9711, 44.7154



42.8887, 47.9711, 56.3696



47.0177, 47.9711, 60.5478

Rectangle

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



48.4130, 47.9711, 48.3027



46.2952, 47.9711, 44.0501



42.8887, 47.9711, 56.3696



44.9020, 47.9711, 61.3699

Sweetspot

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



48.4143, 47.9732, 48.3037



90.5305, 93.5195, 99.5058



50.5441, 48.1872, 61.4855



19.2008, 19.7639, 20.9322



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.



48.4143, 47.9732, 48.3037



79.2767, 77.3465, 76.2263



50.9606, 53.0658, 49.1525



11.2834, 11.3557, 11.6766



15.8211, 8.3752, 0.7827



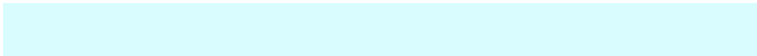
0.8419, 0.4834, 0.0489

Inverse Universe

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



49.4461, 54.9187, 63.8718



81.3808, 91.5130, 107.9823



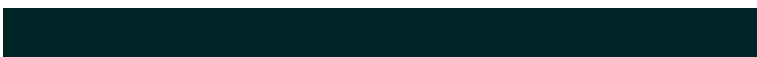
46.7404, 49.5073, 62.9699



11.4634, 12.5672, 14.3919



18.1639, 25.3518, 39.8923



0.9604, 1.3545, 2.0658

Previews

White Background



This preview shows how the XYZ color 48.4130, 47.9711, 48.3027 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 48.4130, 47.9711, 48.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

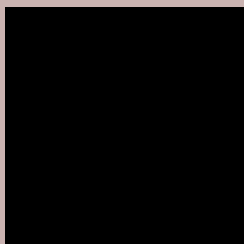
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4130, 47.9711, 48.3027

Background



This preview shows how black text looks on a background with the XYZ color 48.4130, 47.9711, 48.3027.



This preview shows how white text looks on a background with the XYZ color 48.4130, 47.9711,

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

48.4130, 47.9711, 48.3027

Protanopia

46.0564, 47.9405, 49.4738

Deuteranopia

49.0330, 47.9943, 48.2745



Tritanopia

50.0280, 48.0432, 55.9267

Trichromacy



Original Color

48.4130, 47.9711, 48.3027

Protanomaly

47.0120, 48.1396, 48.9336

Deuteranomaly

48.7580, 47.8525, 48.2616

Tritanomaly

49.4119, 48.0825, 53.1309

Monochromacy



Original Color

48.4130, 47.9711, 48.3027

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.2190, 48.4923, 51.6710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4130, 47.9711, 48.3027 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(202, 179, 177)` looks like.

```
.text, #text, p{  
    color:rgb(202, 179, 177)  
}
```

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(202, 179, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 179, 177) }
```

Border

The CSS property to change the border of an element to XYZ 48.4130, 47.9711, 48.3027 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(202, 179, 177) }
```


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

```
.border{ border-color:rgb(202, 179, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 179, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 179, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 179, 177);  
box-shadow:4px 4px 4px 4px rgb(202, 179,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4130, 47.9711, 48.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 179, 177) }
```

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

```
.background{ background-color: rgb(202,  
179, 177) }
```

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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