

Converting Colors

XYZ(48.7715, 49.3179, 43.0256)

Have a look what the booklet for
XYZ(48.7715, 49.3179, 43.0256)
contains.

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Color

**XYZ(48.7877, 49.1882,
42.9993)**

Conversions

Conversions Part 1

Format	Color
Hex	CDB6A6
RGB	205, 182, 166
RGB Percent	80%, 71%, 65%
CMY	0.1961, 0.2863, 0.3490
CMYK	0.00, 0.11, 0.19, 0.20
HSL	25°, 28%, 73%
HSV	25°, 19%, 80%
XYZ	48.7877, 49.1882, 42.9993
YIQ	187.0530, 18.8440, -0.1000

Conversions

Conversions Part 2

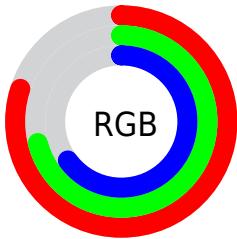
Format	Color
R_{YB}	205, 193, 166
Decimal	13481638
CIE _{Lab}	75.57, 5.65, 11.14
CIE _{LCh}	76, 12.492, 63.121
Yxy	49.1882, 0.3461, 0.3489
Android (android.graphics.Color)	4291671718 (0xFFCDB6A6)
YUV	187.0530, -10.3791, 15.7395
Hunter-Lab	70.1343, 1.4354, 12.7433

Details

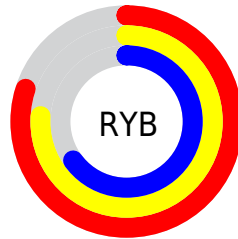
The XYZ color **48.7877, 49.1882, 42.9993** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.9426, 48.9088, 64.8295**, and the grayscale version is **47.3143, 49.7784, 54.2086**.

A 20% lighter version of the original color is **84.8657, 87.6295, 80.8479**, and **23.4652, 23.3994, 19.1994** is the 20% darker color. If you saturate the color by 10%, you get **44.6858, 43.7575, 33.0821**, and if you desaturate by 10%, it is **53.4058, 55.1706, 54.5686**.

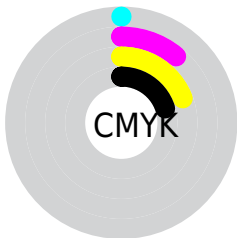
Distribution



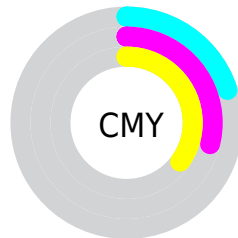
- Red (80%)
- Green (71%)
- Blue (65%)



- Red (80%)
- Yellow (76%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (19%)
- Black (20%)




- Cyan (20%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.7877, 49.1882, 42.9993 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 48.7877, 49.1882, 42.9993 by changing the saturation by 10% instead.


 48.7877, 49.1882,
42.9993


 48.7877, 49.1882,
42.9993


372.4368,
383.4828, 374.5300

 34.6649, 34.7688,
29.5532

 87.5787, 88.9709,
80.9961

 23.5702, 23.4848,
19.2505

 112.9776,
115.1030, 106.3839

 15.1381, 14.9519,
11.6728


142.8660,
145.9081, 136.5894

 9.0033, 8.7856,
6.4015

177.6091,
181.7706, 172.0310

 4.8005, 4.6016,
3.0180

217.5724,
223.0750, 213.1273

 2.1642, 2.0155,
1.1038

263.1212,

 0.7238, 0.6164,

270.2055, 260.2969

0.0000

314.6209,
323.5466, 313.9583

■ 0.0000, 0.0000,
0.0000

■ 48.7877, 49.1882,
42.9993

■ 48.7877, 49.1882,
42.9993

■ 44.6858, 43.7575,
33.0821

■ 53.4058, 55.1706,
54.5686

■ 41.0766, 38.8556,
24.7374

■ 58.5544, 61.7138,
67.8583

■ 37.9404, 34.4673,
17.8838

■ 64.2524, 68.8349,
82.9366

■ 35.2547, 30.5742,
12.4310

■ 70.5164, 76.5484,
99.8670

■ 32.9947, 27.1566,
8.2791

■ 75.1112, 83.9677,
106.8563

■ 31.1329, 24.1934,
5.3145

■ 78.8375, 91.4203,
108.0984

■ 29.6376, 21.6610,
3.4036

■ 78.9870, 91.7192,
108.1483

■ 28.4604, 19.5285,
2.3268

■ 28.3569, 19.3391,
2.2382

Harmonies

Analogous

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



50.5692, 49.1882, 46.9069



48.7877, 49.1882, 42.9993



46.5106, 49.1882, 41.8397

Triad

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



48.7877, 49.1882, 42.9993



42.4580, 49.1882, 54.2528



49.2197, 49.1882, 64.9263

Complementary

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



48.7877, 49.1882, 42.9993



44.9426, 48.9088, 64.8295

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.



46.9940, 49.1882, 67.2814



48.7877, 49.1882, 42.9993



43.1318, 49.1882, 60.8089

Square

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



48.7877, 49.1882, 42.9993



42.9031, 49.1882, 48.0130



44.7736, 49.1882, 65.7165



50.8243, 49.1882, 59.5134

Rectangle

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



48.7877, 49.1882, 42.9993



45.0303, 49.1882, 42.6957



44.7736, 49.1882, 65.7165



48.5168, 49.1882, 66.1211

Sweetspot

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



48.7890, 49.1904, 43.0003



89.8729, 93.4319, 95.5020



48.0423, 43.9437, 54.3224



19.1201, 19.8497, 20.1429



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.



48.7890, 49.1904, 43.0003



76.9466, 76.6674, 63.1764



52.9701, 57.5526, 44.3940



11.5841, 11.9571, 11.7768



17.7417, 12.2163, 1.4229



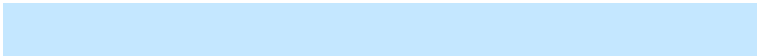
0.9894, 0.7785, 0.0981

Inverse Universe

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



44.9426, 48.9088, 64.8295



69.4631, 76.1167, 105.6386



41.1019, 41.2274, 63.5493



11.1423, 11.9250, 14.2849



11.2027, 11.4295, 37.5719



0.6515, 0.7368, 1.9628

Previews

White Background



This preview shows how the XYZ color 48.7877, 49.1882, 42.9993 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 48.7877, 49.1882, 42.9993 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 48.7877, 49.1882, 42.9993

Background



This preview shows how black text looks on a background with the XYZ color 48.7877, 49.1882, 42.9993.



This preview shows how white text looks on a background with the XYZ color 48.7877, 49.1882,

42.9993.

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

48.7877, 49.1882, 42.9993

Protanopia

46.8749, 49.4143, 44.1131

Deuteranopia

50.0682, 49.2446, 42.9427



Tritanopia

51.4472, 49.0565, 56.6265

Trichromacy



Original Color

48.7877, 49.1882, 42.9993

Protanomaly

47.6127, 49.4937, 43.6030

Deuteranomaly

49.7013, 49.3562, 42.9836

Tritanomaly

50.3995, 48.9245, 51.5868

Monochromacy



Original Color

48.7877, 49.1882, 42.9993

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.7338, 49.4219, 49.6714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7877, 49.1882, 42.9993 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(205, 182, 166) looks like.

```
.text, #text, p{  
    color:rgb(205, 182, 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(205, 182, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 182, 166) }
```

Border

The CSS property to change the border of an element to XYZ 48.7877, 49.1882, 42.9993 is called "border". The border property can be set on classes, ids or directly on the HTML element.

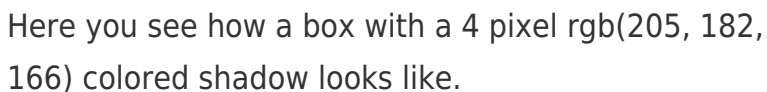
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 182, 166) }
```


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

```
.border{ border-color:rgb(205, 182, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 182, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 182, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 182, 166);  
box-shadow:4px 4px 4px 4px rgb(205, 182,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7877, 49.1882, 42.9993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 182, 166) }
```

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

```
.background{ background-color: rgb(205,  
182, 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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