

Converting Colors

XYZ(48.4108, 49.7826, 49.1770)

Have a look what the booklet for
XYZ(48.4108, 49.7826, 49.1770)
contains.

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Color

**XYZ(48.4108, 49.7826,
49.1770)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B9B2
RGB	197, 185, 178
RGB Percent	77%, 73%, 70%
CMY	0.2274, 0.2745, 0.3020
CMYK	0.00, 0.06, 0.10, 0.23
HSL	22°, 14%, 74%
HSV	22°, 10%, 77%
XYZ	48.4108, 49.7826, 49.1770
YIQ	187.7900, 9.3990, 0.3670

Conversions

Conversions Part 2

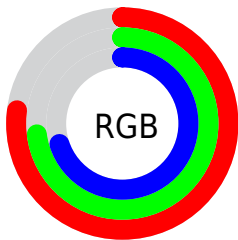
Format	Color
RYB	197, 189, 178
Decimal	12958130
CIELab	75.94, 3.03, 5.06
CIElCh	76, 5.899, 59.085
Yxy	49.7826, 0.3285, 0.3378
Android (android.graphics.Color)	4291148210 (0xFFC5B9B2)
YUV	187.7900, -4.8265, 8.0772
Hunter-Lab	70.5568, -1.0010, 8.0655

Details

The XYZ color **48.4108, 49.7826, 49.1770** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.8515, 50.3222, 60.0677**, and the grayscale version is **47.7047, 50.1891, 54.6559**.

A 20% lighter version of the original color is **87.1796, 89.9219, 90.6037**, and **23.2806, 23.8228, 22.7733** is the 20% darker color. If you saturate the color by 10%, you get **44.0843, 44.0706, 38.6669**, and if you desaturate by 10%, it is **53.2519, 56.0680, 61.2613**.

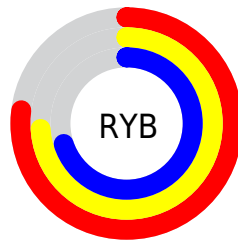
Distribution



Red (77%)

Green (73%)

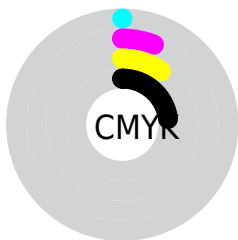
Blue (70%)



Red (77%)

Yellow (74%)

Blue (70%)

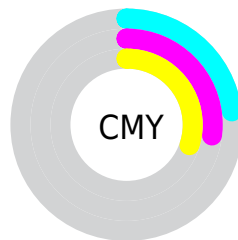


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4108, 49.7826, 49.1770 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 48.4108, 49.7826, 49.1770 by changing the saturation by 10% instead.

■ 48.4108, 49.7826,
49.1770

■ 48.4108, 49.7826,
49.1770

370.9737,
385.8152, 400.0812

■ 34.3649, 35.2407,
34.3933

■ 87.0217, 89.8527,
90.3380

■ 23.3383, 23.8483,
22.9161

112.3175,
116.1496, 117.5524

■ 14.9656, 15.2212,
14.3269

142.0939,
147.1337, 149.7474

■ 8.8814, 8.9747,
8.2070

176.7164,
183.1894, 187.3416

■ 4.7204, 4.7247,
4.1380

216.5503,
224.7010, 230.7536

■ 2.1172, 2.0867,
1.7014

261.9608,

■ 0.6985, 0.6571,

272.0528, 280.4018

0.3617

313.3135,
325.6294, 336.7048

■ 0.0000, 0.0000,
0.0000

■ 48.4108, 49.7826,
49.1770

■ 48.4108, 49.7826,
49.1770

■ 44.0843, 44.0706,
38.6669

■ 53.2519, 56.0680,
61.2613

■ 40.2503, 38.9089,
29.6624

■ 58.6203, 62.9359,
74.9781

■ 36.8913, 34.2825,
22.0945

■ 64.5335, 70.4035,
90.3866

■ 33.9870, 30.1733,
15.8876

■ 70.7154, 78.3689,
106.0073

■ 31.5155, 26.5618,
10.9590

■ 74.3972, 85.7324,
107.2346

■ 29.4529, 23.4274,
7.2170

■ 76.8362, 90.6104,
108.0476

■ 27.7726, 20.7477,
4.5574

■ 26.4439, 18.4980,
2.8574

■ 25.4164, 16.6448,
1.8933

Harmonies

Analogous

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



49.1876, 49.7826, 51.3160



48.4108, 49.7826, 49.1770



47.3506, 49.7826, 48.3764

Triad

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



48.4108, 49.7826, 49.1770



45.2354, 49.7826, 54.1082



48.3515, 49.7826, 59.6671

Complementary

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



48.4108, 49.7826, 49.1770



46.8515, 50.3222, 60.0677

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.



47.2831, 49.7826, 60.4835



48.4108, 49.7826, 49.1770



45.4942, 49.7826, 57.2000

Square

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



48.4108, 49.7826, 49.1770



45.5271, 49.7826, 51.1548



46.2395, 49.7826, 59.5641



49.1529, 49.7826, 57.3737

Rectangle

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



48.4108, 49.7826, 49.1770



46.6293, 49.7826, 48.6846



46.2395, 49.7826, 59.5641



48.0111, 49.7826, 60.1272

Sweetspot

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



48.4122, 49.7848, 49.1781



92.3210, 96.4739, 102.0346



48.2449, 47.4310, 55.3472



19.6075, 20.4512, 21.4566



0.0000, 0.0000, 0.0000



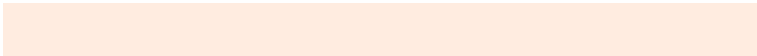
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.4122, 49.7848, 49.1781



84.6521, 86.4701, 83.0345



50.4582, 53.8769, 49.8601



10.9487, 11.2666, 11.1604



16.7694, 11.0559, 1.2502



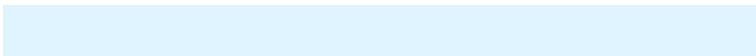
0.8631, 0.6616, 0.0822

Inverse Universe

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



46.8515, 50.3222, 60.0677



81.1812, 87.6646, 107.2500



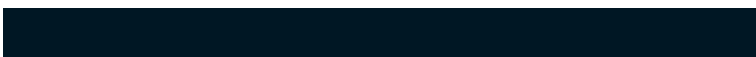
44.8680, 46.3552, 59.4065



10.6054, 11.3848, 13.5560



11.4833, 12.3605, 36.5249



0.6112, 0.7203, 1.7520

Previews

White Background



This preview shows how the XYZ color 48.4108, 49.7826, 49.1770 looks on a white background.

Color Contrast Check

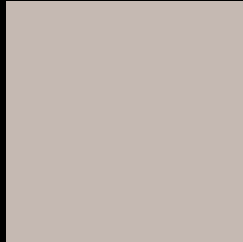
Large Text (above 18pt) WCAG AA × Fail

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 48.4108, 49.7826, 49.1770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

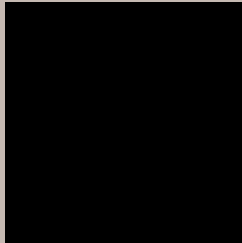
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4108, 49.7826, 49.1770

Background



This preview shows how black text looks on a background with the XYZ color 48.4108, 49.7826, 49.1770.



This preview shows how white text looks on a background with the XYZ color 48.4108, 49.7826,

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

48.4108, 49.7826, 49.1770

Protanopia

47.4338, 49.5790, 49.7175

Deuteranopia

50.6730, 49.7123, 49.5725



Tritanopia

50.6254, 49.7665, 59.7610

Trichromacy



Original Color

48.4108, 49.7826, 49.1770

Protanomaly

47.9437, 49.8418, 49.7414

Deuteranomaly

49.7665, 49.5479, 49.5886

Tritanomaly

49.7809, 49.7268, 55.6897

Monochromacy



Original Color

48.4108, 49.7826, 49.1770

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.9079, 50.0777, 52.4883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4108, 49.7826, 49.1770 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(197, 185, 178)` looks like.

```
.text, #text, p{  
    color:rgb(197, 185, 178)  
}
```

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(197, 185, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 185, 178) }
```

Border

The CSS property to change the border of an element to XYZ 48.4108, 49.7826, 49.1770 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(197, 185, 178) }
```


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

```
.border{ border-color:rgb(197, 185, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 185, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 185, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 185, 178);  
box-shadow:4px 4px 4px 4px rgb(197, 185,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4108, 49.7826, 49.1770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 185, 178) }
```

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

```
.background{ background-color: rgb(197,  
185, 178) }
```

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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