

Converting Colors

XYZ(48.8182, 48.0370, 68.3271)

Have a look what the booklet for
XYZ(48.8182, 48.0370, 68.3271)
contains.

| | |
|--|----|
| XYZ(48.8182, 48.0370, 68.3271) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(48.8182, 48.0370,
68.3271)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BCB4D3 |
| RGB | 188, 180, 211 |
| RGB Percent | 74%, 71%, 83% |
| CMY | 0.2627, 0.2941, 0.1725 |
| CMYK | 0.11, 0.15, 0.00, 0.17 |
| HSL | 255°, 26%, 77% |
| HSV | 255°, 15%, 83% |
| XYZ | 48.8182, 48.0370, 68.3271 |
| YIQ | 185.9260, -5.1830, 11.3370 |

Conversions

Conversions Part 2

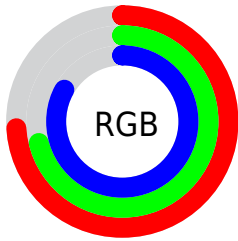
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 188, 180, 211 |
| Decimal | 12367059 |
| CIE Lab | 74.85, 8.83, -14.59 |
| CIE LCh | 75, 17.059, 301.191 |
| Yxy | 48.0370, 0.2955, 0.2908 |
| Android (android.graphics.Color) | 4290557139 (0xFFBCB4D3) |
| YUV | 185.9260, 12.3615, 1.8189 |
| Hunter-Lab | 69.3087, 4.4377, -9.9342 |

Details

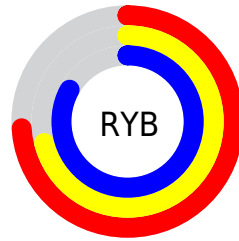
The XYZ color **48.8182, 48.0370, 68.3271** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **56.1627, 62.5815, 52.3016**, and the grayscale version is **46.5670, 48.9921, 53.3524**.

A 20% lighter version of the original color is **85.3537, 86.4440, 106.7945**, and **23.5818, 22.7299, 34.5969** is the 20% darker color. If you saturate the color by 10%, you get **41.2290, 38.2764, 66.8439**, and if you desaturate by 10%, it is **57.4771, 59.3142, 70.0482**.

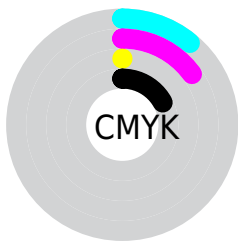
Distribution



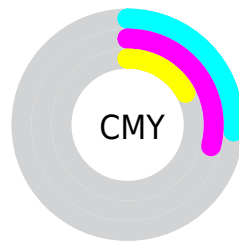
- Red (74%)
- Green (71%)
- Blue (83%)



- Red (74%)
- Yellow (71%)
- Blue (83%)



- Cyan (11%)
- Magenta (15%)
- Yellow (0%)
- Black (17%)



- Cyan (26%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8182, 48.0370, 68.3271 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 48.8182, 48.0370, 68.3271 by changing the saturation by 10% instead.

■ 48.8182, 48.0370,
68.3271

■ 48.8182, 48.0370,
68.3271

372.5550,
378.9388, 473.2836

■ 34.6892, 33.8562,
49.6955

■ 87.6237, 87.2595,
118.4786

■ 23.5890, 22.7831,
34.8021

113.0310,
113.0700, 150.8356

■ 15.1521, 14.4335,
23.2281

142.9284,
143.5258, 188.6049

■ 9.0132, 8.4228,
14.5551

177.6813,
179.0113, 232.2049

■ 4.8070, 4.3666,
8.3646

217.6551,
219.9110, 282.0542

■ 2.1680, 1.8807,
4.2380

263.2150,

■ 0.7258, 0.5367,

266.6092, 338.5714

1.7568

314.7266,
319.4903, 402.1750

■ 0.0000, 0.0000,
0.3992

■ 0.0000, 0.0000,
0.0000

■ 48.8182, 48.0370,
68.3271

■ 48.8182, 48.0370,
68.3271

■ 41.2290, 38.2764,
66.8439

■ 57.4771, 59.3142,
70.0482

■ 34.6627, 29.9609,
65.5849

■ 67.2415, 72.1631,
72.0137

■ 29.0753, 23.0226,
64.5402

■ 78.1507, 86.6437,
74.2337

■ 24.4177, 17.3854,
63.6975

■ 87.1668, 96.6629,
75.6924

■ 20.6366, 12.9655,
63.0437

■ 88.7580, 97.4832,
75.7669

■ 17.6726, 9.6696,
62.5637

■ 15.4585, 7.3898,
62.2404

■ 13.9144, 5.9960,
62.0528

■ 13.3032, 5.4998,
61.9892

Harmonies

Analogous

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



45.7818, 48.0370, 71.3172



48.8182, 48.0370, 68.3271



51.0883, 48.0370, 60.9790

Triad

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



48.8182, 48.0370, 68.3271



48.5940, 48.0370, 38.7137



39.9481, 48.0370, 52.6601

Complementary

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



48.8182, 48.0370, 68.3271



56.1627, 62.5815, 52.3016

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.



40.6263, 48.0370, 44.4937



48.8182, 48.0370, 68.3271



45.5338, 48.0370, 37.0116

Square

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



48.8182, 48.0370, 68.3271



50.9547, 48.0370, 43.9437



42.6367, 48.0370, 39.0051



40.7411, 48.0370, 61.6629

Rectangle

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



48.8182, 48.0370, 68.3271



51.8118, 48.0370, 54.9651



42.6367, 48.0370, 39.0051



40.0113, 48.0370, 49.7304

Sweetspot

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



48.8197, 48.0390, 68.3282



89.1522, 92.2566, 107.7162



51.9968, 57.2379, 69.9363



18.8515, 19.4445, 23.0095



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.



48.8197, 48.0390, 68.3282



70.6765, 68.2333, 104.0530



52.7774, 50.0793, 68.5134



11.4456, 11.5630, 14.8723



8.1101, 3.3612, 37.4138



0.5286, 0.2267, 2.0955

Inverse Universe

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



53.9663, 50.8052, 63.4640



80.2664, 73.3906, 94.8535



52.2115, 60.5446, 52.1167



12.1751, 11.9548, 14.1978



19.9061, 9.8353, 20.2093



1.1443, 0.5625, 1.2949

Previews

White Background



This preview shows how the XYZ color 48.8182, 48.0370, 68.3271 looks on a white background.

Color Contrast Check

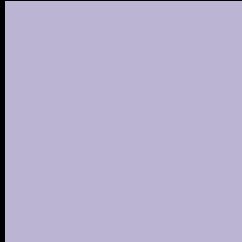
Large Text (above 18pt) WCAG AA × Fail

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 48.8182, 48.0370, 68.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

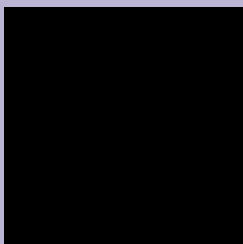
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.8182, 48.0370, 68.3271

Background



This preview shows how black text looks on a background with the XYZ color 48.8182, 48.0370, 68.3271.



This preview shows how white text looks on a background with the XYZ color 48.8182, 48.0370,

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

48.8182, 48.0370, 68.3271

Protanopia

47.5341, 48.2548, 69.7596

Deuteranopia

49.0654, 48.1645, 68.3387



Tritanopia

47.0557, 47.9262, 59.5939

Trichromacy



Original Color

48.8182, 48.0370, 68.3271

Protanomaly

47.9030, 48.1544, 69.0573

Deuteranomaly

49.0654, 48.1645, 68.3387

Tritanomaly

47.6781, 47.8768, 62.6054

Monochromacy



Original Color

48.8182, 48.0370, 68.3271

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.4843, 48.7859, 58.5437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8182, 48.0370, 68.3271 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(188, 180, 211)` looks like.

```
.text, #text, p{  
    color:rgb(188, 180, 211)  
}
```

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(188, 180, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 180, 211) }
```

Border

The CSS property to change the border of an element to XYZ 48.8182, 48.0370, 68.3271 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(188, 180, 211) }
```


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

```
.border{ border-color:rgb(188, 180, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 180, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 180, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 180, 211);  
box-shadow:4px 4px 4px 4px rgb(188, 180,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8182, 48.0370, 68.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 180, 211) }
```

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

```
.background{ background-color: rgb(188,  
180, 211) }
```

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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