

Converting Colors

XYZ(48.1740, 50.8969, 50.4651)

Have a look what the booklet for
XYZ(48.1740, 50.8969, 50.4651)
contains.

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Color

**XYZ(48.1740, 50.8969,
50.4651)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BDB4
RGB	192, 189, 180
RGB Percent	75%, 74%, 71%
CMY	0.2471, 0.2588, 0.2941
CMYK	0.00, 0.02, 0.06, 0.25
HSL	45°, 9%, 73%
HSV	45°, 6%, 75%
XYZ	48.1740, 50.8969, 50.4651
YIQ	188.8710, 4.6770, -2.1630

Conversions

Conversions Part 2

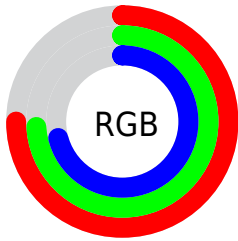
Format	Color
RYB	184, 192, 180
Decimal	12631476
CIELab	76.62, -0.56, 4.91
CIElCh	77, 4.938, 96.469
Yxy	50.8969, 0.3222, 0.3404
Android (android.graphics.Color)	4290821556 (0xFFC0BDB4)
YUV	188.8710, -4.3734, 2.7441
Hunter-Lab	71.3421, -4.3158, 7.9996

Details

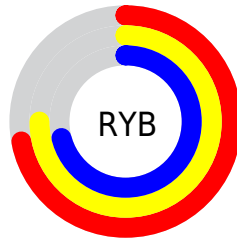
The XYZ color **48.1740, 50.8969, 50.4651** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.2703, 47.3753, 56.6280**, and the grayscale version is **48.3195, 50.8359, 55.3603**.

A 20% lighter version of the original color is **86.5041, 91.3174, 92.4236**, and **23.2824, 24.6296, 23.6055** is the 20% darker color. If you saturate the color by 10%, you get **45.3382, 48.1412, 40.5291**, and if you desaturate by 10%, it is **51.3177, 53.8336, 61.8418**.

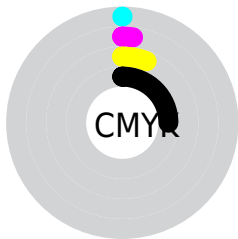
Distribution



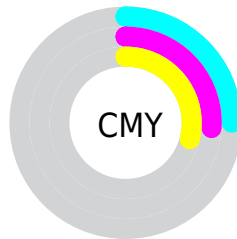
- Red (75%)
- Green (74%)
- Blue (71%)



- Red (72%)
- Yellow (75%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (25%)



- Cyan (25%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1740, 50.8969, 50.4651 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 48.1740, 50.8969, 50.4651 by changing the saturation by 10% instead.

■ 48.1740, 50.8969,
50.4651

■ 48.1740, 50.8969,
50.4651

370.0525,
390.1631, 405.2690

■ 34.1765, 36.1266,
35.4093

■ 86.6715, 91.5024,
92.2670

■ 23.1928, 24.5320,
23.6923

111.9023,
118.1063, 119.8502

■ 14.8574, 15.7287,
14.8954

141.6083,
149.4235, 152.4463

■ 8.8050, 9.3324,
8.6002

176.1547,
185.8384, 190.4738

■ 4.6703, 4.9586,
4.3881

215.9070,
227.7354, 234.3513

■ 2.0879, 2.2230,
1.8406

261.2305,

■ 0.6826, 0.7325,

275.4990, 284.4973

0.4545

312.4905,
329.5134, 341.3304

■ 0.0000, 0.0000,
0.0000

■ 48.1740, 50.8969,
50.4651

■ 48.1740, 50.8969,
50.4651

■ 45.3382, 48.1412,
40.5291

■ 51.3177, 53.8336,
61.8418

■ 42.7947, 45.5549,
31.9720

■ 54.7759, 56.9495,
74.7109

■ 40.5327, 43.1346,
24.7325

■ 58.5601, 60.2513,
89.1257

■ 38.5392, 40.8748,
18.7433

■ 62.3886, 63.6270,
103.6007

■ 36.7999, 38.7690,
13.9313

■ 63.5766, 66.0030,
103.9967

■ 35.2991, 36.8105,
10.2155

■ 64.8003, 68.4503,
104.4046

■ 34.0193, 34.9917,
7.5048

■ 66.0599, 70.9695,
104.8245

■ 32.9399, 33.3039,
5.6931

■ 67.3557, 73.5612,
105.2564

■ 32.0347, 31.7359,
4.6440

■ 68.6881, 76.2259,
105.7006

Harmonies

Analogous

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



49.0962, 50.8969, 50.8369



48.1740, 50.8969, 50.4651



47.3168, 50.8969, 51.3857

Triad

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



48.1740, 50.8969, 50.4651



46.9467, 50.8969, 58.5304



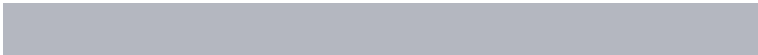
50.0406, 50.8969, 57.4960

Complementary

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



48.1740, 50.8969, 50.4651



45.2703, 47.3753, 56.6280

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.



49.4508, 50.8969, 59.6560



48.1740, 50.8969, 50.4651



47.6628, 50.8969, 60.2665

Square

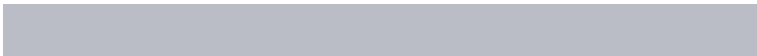
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.1740, 50.8969, 50.4651



46.6141, 50.8969, 55.9993



48.5785, 50.8969, 60.6850



50.1817, 50.8969, 54.8408

Rectangle

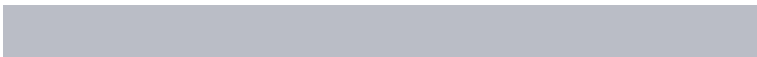
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.1740, 50.8969, 50.4651



46.8950, 50.8969, 52.6265



48.5785, 50.8969, 60.6850



49.8878, 50.8969, 58.3067

Sweetspot

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



48.1754, 50.8991, 50.4662



89.6232, 94.4285, 99.8107



46.6074, 47.2686, 51.4678



19.2396, 20.2697, 21.4576



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



48.1754, 50.8991, 50.4662



86.8255, 91.7821, 89.7869



48.0747, 51.8140, 50.6481



10.8175, 11.4376, 11.1214



21.4086, 21.1029, 2.9449



0.9769, 1.0156, 0.1445

Inverse Universe

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



45.2703, 47.3753, 56.6280



80.8697, 84.5580, 102.4193



45.3648, 46.5164, 56.4573



10.0353, 10.4889, 12.7805



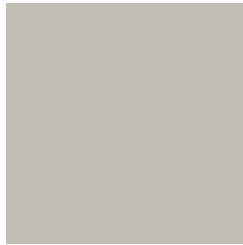
7.1648, 4.0862, 33.9677



0.3665, 0.2903, 1.4866

Previews

White Background



This preview shows how the XYZ color 48.1740, 50.8969, 50.4651 looks on a white background.

Color Contrast Check

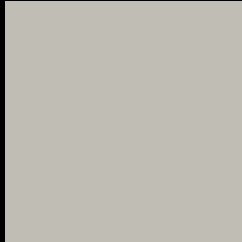
Large Text (above 18pt) WCAG AA × Fail

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 48.1740, 50.8969, 50.4651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

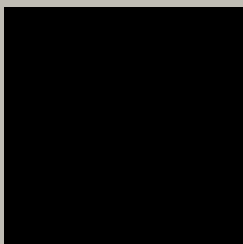
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

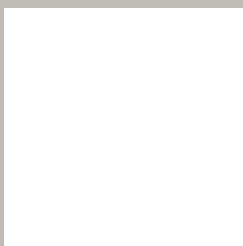
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.1740, 50.8969, 50.4651

Background



This preview shows how black text looks on a background with the XYZ color 48.1740, 50.8969, 50.4651.



This preview shows how white text looks on a background with the XYZ color 48.1740, 50.8969,

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

48.1740, 50.8969, 50.4651

Protanopia

48.7271, 50.8638, 50.4295

Deuteranopia

51.8523, 50.9048, 50.8088



Tritanopia

50.6072, 50.9370, 62.4229

Trichromacy



Original Color

48.1740, 50.8969, 50.4651

Protanomaly

48.4696, 50.7311, 50.4175

Deuteranomaly

50.3181, 50.7306, 50.8560

Tritanomaly

49.6441, 50.8602, 57.6526

Monochromacy



Original Color

48.1740, 50.8969, 50.4651

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.2957, 50.8875, 53.7312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1740, 50.8969, 50.4651 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(192, 189, 180)` looks like.

```
.text, #text, p{  
    color:rgb(192, 189, 180)  
}
```

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(192, 189, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 189, 180) }
```

Border

The CSS property to change the border of an element to XYZ 48.1740, 50.8969, 50.4651 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(192, 189, 180) }
```


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

```
.border{ border-color:rgb(192, 189, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 189, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 189, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 189, 180);  
box-shadow:4px 4px 4px 4px rgb(192, 189,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1740, 50.8969, 50.4651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 189, 180) }
```

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

```
.background{ background-color: rgb(192,  
189, 180) }
```

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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