

Converting Colors

XYZ(49.1413, 48.1350, 57.7379)

Have a look what the booklet for
XYZ(49.1413, 48.1350, 57.7379)
contains.

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Color

**XYZ(49.1464, 48.1410,
57.7408)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B3C2
RGB	198, 179, 194
RGB Percent	78%, 70%, 76%
CMY	0.2235, 0.2980, 0.2392
CMYK	0.00, 0.10, 0.02, 0.22
HSL	313°, 14%, 74%
HSV	313°, 10%, 78%
XYZ	49.1464, 48.1410, 57.7408
YIQ	186.3910, 6.5090, 8.6930

Conversions

Conversions Part 2

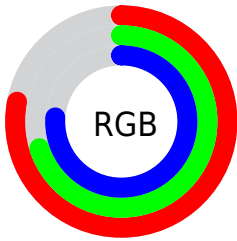
Format	Color
R _Y B	198, 179, 194
Decimal	13022146
CIE Lab	74.91, 9.45, -5.14
CIE LCh	75, 10.753, 331.469
Yxy	48.1410, 0.3170, 0.3105
Android (android.graphics.Color)	4291212226 (0xFFC6B3C2)
YUV	186.3910, 3.7512, 10.1811
Hunter-Lab	69.3837, 5.0150, -0.7723

Details

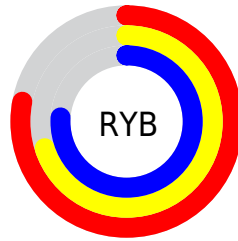
The XYZ color **49.1464, 48.1410, 57.7408** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.3336, 53.3921, 52.6132**, and the grayscale version is **46.8696, 49.3105, 53.6991**.

A 20% lighter version of the original color is **88.2036, 87.5788, 102.6980**, and **23.6961, 22.7445, 27.9521** is the 20% darker color. If you saturate the color by 10%, you get **44.9983, 40.5830, 54.0806**, and if you desaturate by 10%, it is **53.8803, 56.8481, 61.6622**.

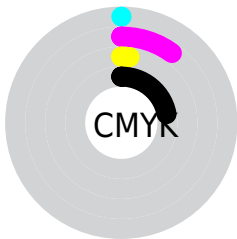
Distribution



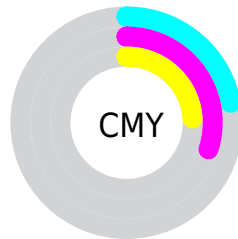
- Red (78%)
- Green (70%)
- Blue (76%)



- Red (78%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (22%)





- Cyan (22%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.1464, 48.1410, 57.7408 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 49.1464, 48.1410, 57.7408 by changing the saturation by 10% instead.


 49.1464, 48.1410,
57.7408

 49.1464, 48.1410,
57.7408


373.8258,
379.3507, 433.7907

 34.9506, 33.9386,
41.1870


 88.1083, 87.4143,
103.0564

 23.7912, 22.8464,
28.1444

113.6051,
113.2540, 132.6552

 15.3027, 14.4801,
18.1946


143.5996,
143.7415, 167.4394

 9.1198, 8.4554,
10.9189

178.4573,
179.2612, 207.8276

 4.8771, 4.3877,
5.8988

218.5433,
220.1977, 254.2383

 2.2094, 1.8927,
2.7159

264.2232,

 0.7477, 0.5440,

266.9351, 307.0900

0.9514

315.8622,
319.8580, 366.8013

■ 0.0000, 0.0000,
0.0000

■ 49.1464, 48.1410,
57.7408

■ 49.1464, 48.1410,
57.7408

■ 44.9983, 40.5830,
54.0806

■ 53.8803, 56.8481,
61.6622

■ 41.4074, 34.1194,
50.6700

■ 59.2185, 66.7434,
65.8498

■ 38.3493, 28.7004,
47.5006

■ 65.1841, 77.8721,
70.3123

■ 35.7956, 24.2700,
44.5627

■ 70.7665, 88.2129,
74.7135

■ 33.7159, 20.7670,
41.8455

■ 71.2951, 88.4244,
77.4970

■ 32.0757, 18.1231,
39.3369

■ 71.8373, 88.6413,
80.3523

■ 30.8364, 16.2608,
37.0235

■ 72.3933, 88.8636,
83.2800

■ 29.9520, 15.0886,
34.8894

■ 72.9631, 89.0916,
86.2807

■ 29.3391, 14.4399,
32.9063

■ 73.5469, 89.3251,
89.3548

Harmonies

Analogous

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



47.7513, 48.1410, 62.1676



49.1464, 48.1410, 57.7408



49.6264, 48.1410, 52.1413

Triad

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



49.1464, 48.1410, 57.7408



45.6601, 48.1410, 42.3556



42.6183, 48.1410, 58.2532

Complementary

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



49.1464, 48.1410, 57.7408



47.3336, 53.3921, 52.6132

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.



42.0933, 48.1410, 52.6944



49.1464, 48.1410, 57.7408



43.8182, 48.1410, 43.7439

Square

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



49.1464, 48.1410, 57.7408



47.5795, 48.1410, 43.4993



42.5263, 48.1410, 47.4316



43.9809, 48.1410, 62.4780

Rectangle

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



49.1464, 48.1410, 57.7408



49.3524, 48.1410, 48.5673



42.5263, 48.1410, 47.4316



42.3398, 48.1410, 56.4657

Sweetspot

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



49.1478, 48.1431, 57.7418



92.3996, 95.1125, 106.7425



45.7960, 46.3626, 59.9620



19.6293, 20.0854, 22.7254



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.



49.1478, 48.1431, 57.7418



85.0331, 81.5985, 100.5289



48.1357, 47.7383, 52.4124



10.9838, 10.7769, 12.8977



19.0968, 9.3883, 21.5174



0.9289, 0.4544, 1.1489

Inverse Universe

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



49.1478, 48.1431, 57.7418



85.0331, 81.5985, 100.5289



48.3338, 53.7922, 57.8804



10.9838, 10.7769, 12.8977



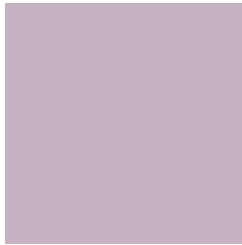
19.0968, 9.3883, 21.5174



0.9289, 0.4544, 1.1489

Previews

White Background



This preview shows how the XYZ color 49.1464, 48.1410, 57.7408 looks on a white background.

Color Contrast Check

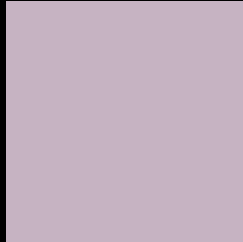
Large Text (above 18pt) WCAG AA × Fail

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 49.1464, 48.1410, 57.7408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

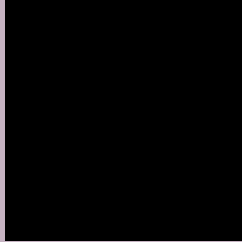
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.1464, 48.1410, 57.7408

Background



This preview shows how black text looks on a background with the XYZ color 49.1464, 48.1410, 57.7408.



This preview shows how white text looks on a background with the XYZ color 49.1464, 48.1410,

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

49.1464, 48.1410, 57.7408

Protanopia

46.7787, 48.0885, 59.6398

Deuteranopia

49.1464, 48.1410, 57.7408



Tritanopia

49.0344, 48.0962, 57.1512

Trichromacy



Original Color

49.1464, 48.1410, 57.7408

Protanomaly

47.6780, 48.2602, 59.0268

Deuteranomaly

49.1464, 48.1410, 57.7408

Tritanomaly

49.0344, 48.0962, 57.1512

Monochromacy



Original Color

49.1464, 48.1410, 57.7408

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.3540, 48.4882, 55.0075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1464, 48.1410, 57.7408 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(198, 179, 194)` looks like.

```
.text, #text, p{  
    color:rgb(198, 179, 194)  
}
```

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(198, 179, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 179, 194) }
```

Border

The CSS property to change the border of an element to XYZ 49.1464, 48.1410, 57.7408 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(198, 179, 194) }
```


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

```
.border{ border-color:rgb(198, 179, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 179, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 179, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 179, 194);  
box-shadow:4px 4px 4px 4px rgb(198, 179,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1464, 48.1410, 57.7408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 179, 194) }
```

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

```
.background{ background-color: rgb(198,  
179, 194) }
```

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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