

Converting Colors

XYZ(49.0320, 50.2326, 57.5671)

Have a look what the booklet for
XYZ(49.0320, 50.2326, 57.5671)
contains.

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Color

**XYZ(48.9228, 50.1745,
57.5582)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BAC1
RGB	192, 186, 193
RGB Percent	75%, 73%, 76%
CMY	0.2471, 0.2706, 0.2431
CMYK	0.01, 0.04, 0.00, 0.24
HSL	291°, 5%, 74%
HSV	291°, 4%, 76%
XYZ	48.9228, 50.1745, 57.5582
YIQ	188.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

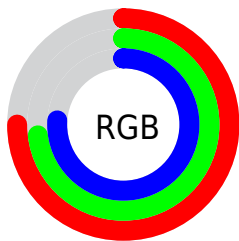
Format	Color
R _Y B	192, 186, 193
Decimal	12630721
CIE Lab	76.18, 3.40, -2.79
CIE LCh	76, 4.394, 320.610
Yxy	50.1745, 0.3123, 0.3203
Android (android.graphics.Color)	4290820801 (0xFFC0BAC1)
YUV	188.5920, 2.1731, 2.9888
Hunter-Lab	70.8340, -0.6751, 1.4060

Details

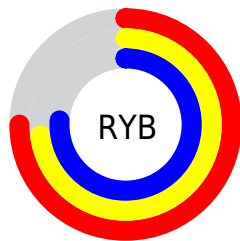
The XYZ color **48.9228, 50.1745, 57.5582** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4282, 52.2512, 53.9899**, and the grayscale version is **48.1255, 50.6318, 55.1380**.

A 20% lighter version of the original color is **87.5624, 90.3003, 102.4372**, and **23.7686, 24.1575, 28.2211** is the 20% darker color. If you saturate the color by 10%, you get **44.4372, 42.2296, 56.2618**, and if you desaturate by 10%, it is **53.9735, 59.2288, 59.0404**.

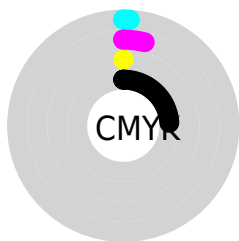
Distribution



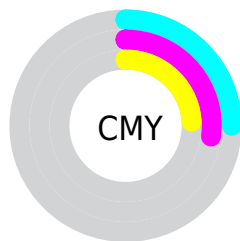
- Red (75%)
- Green (73%)
- Blue (76%)



- Red (75%)
- Yellow (73%)
- Blue (76%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)



- Cyan (25%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9228, 50.1745, 57.5582 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 48.9228, 50.1745, 57.5582 by changing the saturation by 10% instead.

■ 48.9228, 50.1745,
57.5582

■ 48.9228, 50.1745,
57.5582

372.9603,
387.3480, 433.0899

■ 34.7725, 35.5521,
41.0412

■ 87.7782, 90.4334,
102.7876

■ 23.6534, 24.0885,
28.0314

113.2140,
116.8386, 132.3372

■ 15.2000, 15.3992,
18.1100

143.1424,
147.9402, 167.0680

■ 9.0471, 9.1001,
10.8588

177.9287,
184.1226, 207.3986

■ 4.8293, 4.8065,
5.8590

217.9383,
225.7702, 253.7475

■ 2.1812, 2.1342,
2.6921

263.5366,

■ 0.7328, 0.6837,

273.2674, 306.5334

0.9395

315.0888,
326.9985, 366.1746

■ 0.0000, 0.0000,
0.0000

■ 48.9228, 50.1745,
57.5582

■ 48.9228, 50.1745,
57.5582

■ 44.4372, 42.2296,
56.2618

■ 53.9735, 59.2288,
59.0404

■ 40.4905, 35.3438,
55.1408

■ 59.6058, 69.4274,
60.7121

■ 37.0608, 29.4727,
54.1883

■ 65.8406, 80.8116,
62.5808

■ 34.1228, 24.5661,
53.3961

■ 70.0231, 88.0713,
63.7617

■ 31.6494, 20.5695,
52.7550

■ 70.7810, 88.4620,
63.7971

■ 29.6104, 17.4230,
52.2551

■ 71.5523, 88.8597,
63.8332

■ 27.9723, 15.0594,
51.8853

■ 72.3372, 89.2643,
63.8700

■ 26.6964, 13.4015,
51.6325

■ 73.1355, 89.6758,
63.9073

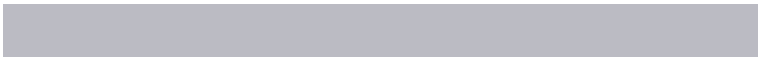
■ 25.7360, 12.3561,
51.4813

■ 73.9476, 90.0945,
63.9453

Harmonies

Analogous

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



48.2485, 50.1745, 58.9841



48.9228, 50.1745, 57.5582



49.2677, 50.1745, 55.3742

Triad

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



48.9228, 50.1745, 57.5582



47.9480, 50.1745, 50.2812



46.2235, 50.1745, 56.2423

Complementary

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



48.9228, 50.1745, 57.5582



48.4282, 52.2512, 53.9899

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.



46.1451, 50.1745, 53.8954



48.9228, 50.1745, 57.5582



47.1345, 50.1745, 50.4985

Square

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



48.9228, 50.1745, 57.5582



48.7006, 50.1745, 51.2034



46.4768, 50.1745, 51.8057



46.6922, 50.1745, 58.2093

Rectangle

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



48.9228, 50.1745, 57.5582



49.2617, 50.1745, 53.8013



46.4768, 50.1745, 51.8057



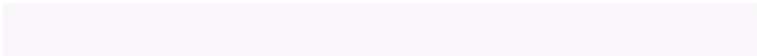
46.1508, 50.1745, 55.4702

Sweetspot

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



48.9242, 50.1767, 57.5593



89.8839, 93.9026, 103.7479



47.6583, 49.8535, 57.5636



19.2928, 20.1625, 22.2602



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.



48.9242, 50.1767, 57.5593



87.2504, 89.2023, 102.9795



48.9072, 50.1992, 56.1441



10.8307, 11.0231, 12.8417



16.8332, 7.9383, 34.2016



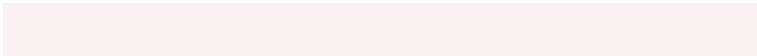
0.7669, 0.3634, 1.4796

Inverse Universe

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



48.5226, 50.0453, 54.1183



86.4472, 88.9399, 96.0904



48.4471, 52.2306, 55.3616



10.7156, 10.9856, 11.8530



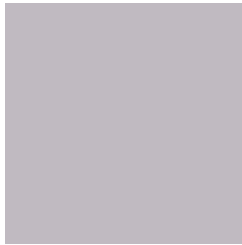
14.7817, 7.6024, 1.4965



0.6580, 0.3362, 0.1662

Previews

White Background



This preview shows how the XYZ color 48.9228, 50.1745, 57.5582 looks on a white background.

Color Contrast Check

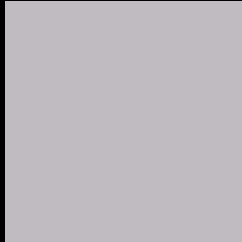
Large Text (above 18pt) WCAG AA × Fail

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 48.9228, 50.1745, 57.5582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

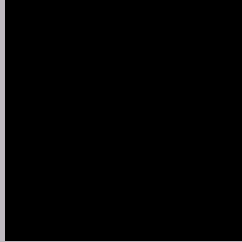
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

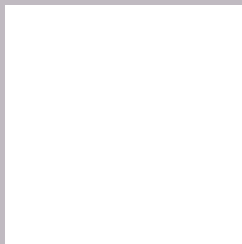
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.9228, 50.1745, 57.5582

Background



This preview shows how black text looks on a background with the XYZ color 48.9228, 50.1745, 57.5582.

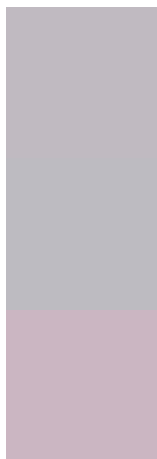


This preview shows how white text looks on a background with the XYZ color 48.9228, 50.1745,

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

48.9228, 50.1745, 57.5582

Protanopia

48.3822, 50.2097, 57.5935

Deuteranopia

51.0942, 50.0474, 58.0061



Tritanopia

49.7666, 50.2055, 61.7112

Trichromacy



Original Color

48.9228, 50.1745, 57.5582

Protanomaly

48.6312, 50.3381, 57.6052

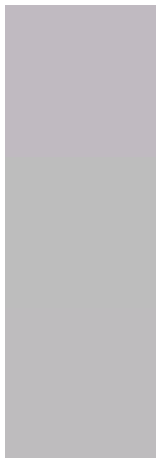
Deuteranomaly

50.2243, 49.9041, 58.0243

Tritanomaly

49.4193, 50.0666, 59.8825

Monochromacy



Original Color

48.9228, 50.1745, 57.5582

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.5127, 50.6313, 55.9311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9228, 50.1745, 57.5582 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, 186, 193) looks like.

```
.text, #text, p{  
    color:rgb(192, 186, 193)  
}
```

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, 186, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 186, 193) }
```

Border

The CSS property to change the border of an element to XYZ 48.9228, 50.1745, 57.5582 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, 186, 193) }
```


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

```
.border{ border-color:rgb(192, 186, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 186, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 186, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 186, 193);  
box-shadow:4px 4px 4px 4px rgb(192, 186,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9228, 50.1745, 57.5582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 186, 193) }
```

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

```
.background{ background-color: rgb(192,  
186, 193) }
```

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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