

Converting Colors

XYZ(49.3019, 49.4787, 64.0788)

Have a look what the booklet for
XYZ(49.3019, 49.4787, 64.0788)
contains.

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Color

**XYZ(49.2748, 49.5878,
64.1011)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB8CC
RGB	190, 184, 204
RGB Percent	75%, 72%, 80%
CMY	0.2549, 0.2784, 0.2000
CMYK	0.07, 0.10, 0.00, 0.20
HSL	258°, 16%, 76%
HSV	258°, 10%, 80%
XYZ	49.2748, 49.5878, 64.1011
YIQ	188.0740, -2.8440, 7.4920

Conversions

Conversions Part 2

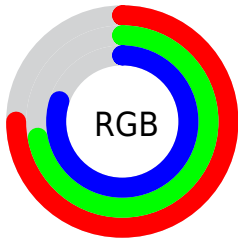
Format	Color
R _Y B	190, 184, 204
Decimal	12499148
CIE Lab	75.82, 5.91, -9.32
CIE LCh	76, 11.035, 302.379
Yxy	49.5878, 0.3024, 0.3043
Android (android.graphics.Color)	4290689228 (0xFFBEB8CC)
YUV	188.0740, 7.8515, 1.6891
Hunter-Lab	70.4186, 1.6712, -4.6779

Details

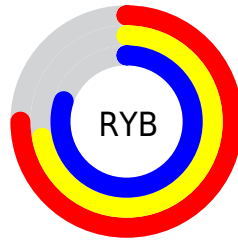
The XYZ color **49.2748, 49.5878, 64.1011** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5352, 58.6535, 53.8495**, and the grayscale version is **47.8012, 50.2906, 54.7665**.

A 20% lighter version of the original color is **87.2161, 89.1330, 107.2153**, and **23.9378, 23.7530, 32.1773** is the 20% darker color. If you saturate the color by 10%, you get **41.9451, 39.9667, 62.6311**, and if you desaturate by 10%, it is **57.5681, 60.6155, 65.7933**.

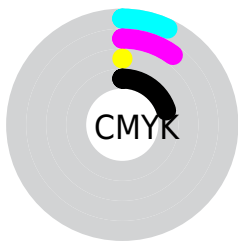
Distribution



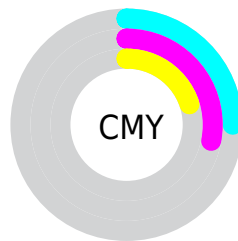
- Red (75%)
- Green (72%)
- Blue (80%)



- Red (75%)
- Yellow (72%)
- Blue (80%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (25%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2748, 49.5878, 64.1011 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 49.2748, 49.5878, 64.1011 by changing the saturation by 10% instead.

■ 49.2748, 49.5878,
64.1011

■ 49.2748, 49.5878,
64.1011

374.3222,
385.0518, 457.7721

■ 35.0530, 35.0860,
46.2859

■ 88.2977, 89.5638,
112.3574

■ 23.8704, 23.7291,
32.1212

113.8295,
115.8069, 143.6355

■ 15.3617, 15.1328,
21.1885

143.8620,
146.7324, 180.2384

■ 9.1616, 8.9126,
13.0693

178.7605,
182.7249, 222.5844

■ 4.9047, 4.6842,
7.3450

218.8904,
224.1686, 271.0923

■ 2.2256, 2.0632,
3.5971

264.6171,

■ 0.7562, 0.6438,

271.4481, 326.1805

1.4070

316.3059,
324.9477, 388.2676

■ 0.0000, 0.0000,
0.1472

■ 0.0000, 0.0000,
0.0000

■ 49.2748, 49.5878,
64.1011

■ 49.2748, 49.5878,
64.1011

■ 41.9451, 39.9667,
62.6311

■ 57.5681, 60.6155,
65.7933

■ 35.5387, 31.6886,
61.3709

■ 66.8546, 73.0974,
67.7131

■ 30.0184, 24.6945,
60.3119

■ 77.1682, 87.0866,
69.8697

■ 25.3433, 18.9183,
59.4434

■ 85.0628, 95.6775,
71.1118

■ 21.4686, 14.2880,
58.7539

■ 87.8992, 97.1397,
71.2446

■ 18.3453, 10.7236,
58.2305

■ 15.9183, 8.1347,
57.8587

■ 14.1241, 6.4149,
57.6213

■ 12.8567, 5.3753,
57.4874

Harmonies

Analogous

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



47.2956, 49.5878, 66.0786



49.2748, 49.5878, 64.1011



50.7121, 49.5878, 59.3987

Triad

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



49.2748, 49.5878, 64.1011



48.9833, 49.5878, 44.5932



43.3011, 49.5878, 54.4628

Complementary

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



49.2748, 49.5878, 64.1011



53.5352, 58.6535, 53.8495

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.



43.7239, 49.5878, 48.9251



49.2748, 49.5878, 64.1011



46.9682, 49.5878, 43.4784

Square

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



49.2748, 49.5878, 64.1011



50.5404, 49.5878, 48.1687



45.0517, 49.5878, 45.0071



43.8798, 49.5878, 60.2681

Rectangle

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



49.2748, 49.5878, 64.1011



51.1486, 49.5878, 55.5040



45.0517, 49.5878, 45.0071



43.3309, 49.5878, 52.5090

Sweetspot

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



49.2763, 49.5899, 64.1022



90.7149, 94.2141, 108.0117



50.9383, 55.0923, 65.0767



19.1742, 19.8427, 23.0694



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.



49.2763, 49.5899, 64.1022



78.6063, 78.1675, 105.5526



51.7717, 50.8763, 64.2190



10.9128, 11.0043, 14.1193



8.1611, 3.4147, 36.1852



0.4982, 0.2160, 1.8704

Inverse Universe

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



52.2371, 51.1978, 60.5576



84.6107, 81.4295, 98.3044



51.0676, 57.3814, 53.7341



11.5386, 11.3442, 13.3711



18.8283, 9.3419, 17.3463



1.0039, 0.4949, 1.0662

Previews

White Background



This preview shows how the XYZ color 49.2748, 49.5878, 64.1011 looks on a white background.

Color Contrast Check

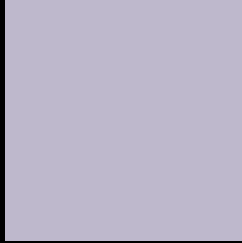
Large Text (above 18pt) WCAG AA × Fail

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 49.2748, 49.5878, 64.1011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

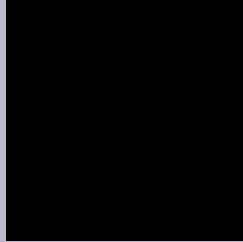
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.2748, 49.5878, 64.1011

Background



This preview shows how black text looks on a background with the XYZ color 49.2748, 49.5878, 64.1011.



This preview shows how white text looks on a background with the XYZ color 49.2748, 49.5878,

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

49.2748, 49.5878, 64.1011

Protanopia

48.5859, 49.8399, 64.8169

Deuteranopia

50.6530, 49.6858, 64.0474



Tritanopia

48.6440, 49.6403, 61.0505

Trichromacy



Original Color

49.2748, 49.5878, 64.1011

Protanomaly

48.8619, 49.6705, 64.7697

Deuteranomaly

50.0807, 49.6959, 64.0795

Tritanomaly

48.8778, 49.7338, 62.2818

Monochromacy



Original Color

49.2748, 49.5878, 64.1011

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.4942, 50.2545, 58.1831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2748, 49.5878, 64.1011 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(190, 184, 204)` looks like.

```
.text, #text, p{  
    color:rgb(190, 184, 204)  
}
```

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(190, 184, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 184, 204) }
```

Border

The CSS property to change the border of an element to XYZ 49.2748, 49.5878, 64.1011 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(190, 184, 204) }
```


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

```
.border{ border-color:rgb(190, 184, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 184, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 184, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 184, 204);  
box-shadow:4px 4px 4px 4px rgb(190, 184,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2748, 49.5878, 64.1011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 184, 204) }
```

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

```
.background{ background-color: rgb(190,  
184, 204) }
```

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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