

Converting Colors

XYZ(50.9741, 49.3810, 53.9125)

Have a look what the booklet for
XYZ(50.9741, 49.3810, 53.9125)
contains.

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Color

**XYZ(51.0230, 49.4958,
53.8781)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB4BB
RGB	207, 180, 187
RGB Percent	81%, 71%, 73%
CMY	0.1882, 0.2941, 0.2667
CMYK	0.00, 0.13, 0.10, 0.19
HSL	344°, 22%, 76%
HSV	344°, 13%, 81%
XYZ	51.0230, 49.4958, 53.8781
YIQ	188.8710, 13.8450, 7.9010

Conversions

Conversions Part 2

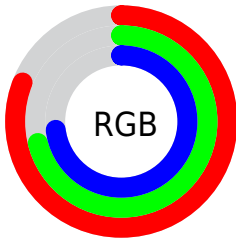
Format	Color
R _{YB}	207, 180, 187
Decimal	13612219
CIE Lab	75.76, 10.85, 0.01
CIE LCh	76, 10.850, 0.074
Yxy	49.4958, 0.3305, 0.3206
Android (android.graphics.Color)	4291802299 (0xFFCFB4BB)
YUV	188.8710, -0.9224, 15.8991
Hunter-Lab	70.3533, 6.3372, 3.8417

Details

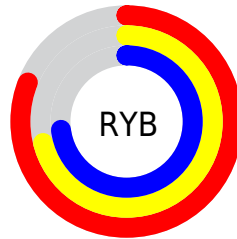
The XYZ color **51.0230, 49.4958, 53.8781** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5625, 58.5003, 63.2205**, and the grayscale version is **48.2968, 50.8120, 55.3343**.

A 20% lighter version of the original color is **87.4131, 87.7220, 97.1189**, and **24.8413, 23.5754, 25.7955** is the 20% darker color. If you saturate the color by 10%, you get **45.5973, 41.1325, 44.3977**, and if you desaturate by 10%, it is **57.2509, 59.1817, 64.4921**.

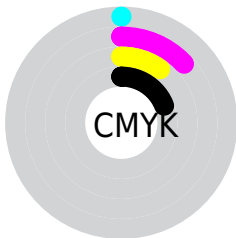
Distribution



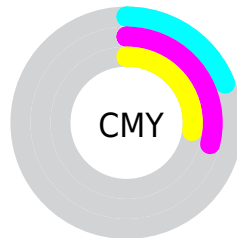
- Red (81%)
- Green (71%)
- Blue (73%)



- Red (81%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (19%)



- Cyan (19%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0230, 49.4958, 53.8781 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 51.0230, 49.4958, 53.8781 by changing the saturation by 10% instead.

■ 51.0230, 49.4958,
53.8781

■ 51.0230, 49.4958,
53.8781

381.0393,
384.6909, 418.8065

■ 36.4480, 35.0129,
38.1117

■ 90.8716, 89.4274,
97.3498

■ 24.9521, 23.6728,
25.7669

116.8759,
115.6449, 125.8923

■ 16.1699, 15.0911,
16.4251

147.4206,
146.5427, 159.5304

■ 9.7361, 8.8834,
9.6679

182.8713,
182.5053, 198.6829

■ 5.2853, 4.6652,
5.0766

223.5931,
223.9170, 243.7682

■ 2.4521, 2.0522,
2.2328

269.9515,

■ 0.8711, 0.6375,

271.1623, 295.2048

0.6932

322.3118,
324.6254, 353.4114

■ 0.0000, 0.0000,
0.0000

■ 51.0230, 49.4958,
53.8781

■ 51.0230, 49.4958,
53.8781

■ 45.5973, 41.1325,
44.3977

■ 57.2509, 59.1817,
64.4921

■ 40.9366, 34.0280,
36.0097

■ 64.3080, 70.2375,
76.2728

■ 37.0069, 28.1229,
28.6750

■ 72.2249, 82.7161,
89.2558

■ 33.7699, 23.3504,
22.3507

■ 78.4890, 91.5842,
102.6272

■ 31.1838, 19.6371,
16.9911

■ 79.5423, 92.0055,
108.1743

■ 29.2021, 16.9010,
12.5467

■ 27.7716, 15.0478,
8.9630

■ 26.8293, 13.9644,
6.1792

■ 26.3899, 13.5285,
4.6669

Harmonies

Analogous

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



50.4801, 49.4958, 59.6154



51.0230, 49.4958, 53.8781



50.4748, 49.4958, 48.5249

Triad

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



51.0230, 49.4958, 53.8781



45.1307, 49.4958, 44.8556



45.1392, 49.4958, 64.0845

Complementary

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



51.0230, 49.4958, 53.8781



51.5625, 58.5003, 63.2205

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.



43.7728, 49.4958, 59.6421



51.0230, 49.4958, 53.8781



43.7680, 49.4958, 48.5482

Square

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



51.0230, 49.4958, 53.8781



47.0392, 49.4958, 43.5477



43.2780, 49.4958, 53.9069



47.0493, 49.4958, 65.7581

Rectangle

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



51.0230, 49.4958, 53.8781



49.5730, 49.4958, 45.8288



43.2780, 49.4958, 53.9069



44.6030, 49.4958, 62.8506

Sweetspot

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



51.0244, 49.4980, 53.8792



90.6890, 93.1867, 101.5619



51.3514, 49.4017, 65.8610



19.2408, 19.6801, 21.4504



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.



51.0244, 49.4980, 53.8792



78.8969, 74.8783, 81.3669



51.5941, 51.8071, 50.4632



11.9327, 11.8578, 12.9214



16.6598, 8.5368, 3.1149



0.9645, 0.4905, 0.3477

Inverse Universe

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



51.0244, 49.4980, 53.8792



78.8969, 74.8783, 81.3669



50.9033, 55.8433, 67.1279



11.9327, 11.8578, 12.9214



16.6598, 8.5368, 3.1149



0.9645, 0.4905, 0.3477

Previews

White Background



This preview shows how the XYZ color 51.0230, 49.4958, 53.8781 looks on a white background.

Color Contrast Check

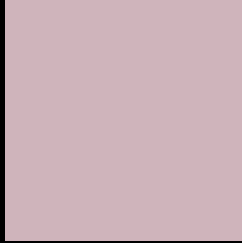
Large Text (above 18pt) WCAG AA × Fail

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 51.0230, 49.4958, 53.8781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

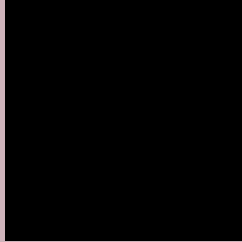
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0230, 49.4958, 53.8781

Background



This preview shows how black text looks on a background with the XYZ color 51.0230, 49.4958, 53.8781.



This preview shows how white text looks on a background with the XYZ color 51.0230, 49.4958,

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

51.0230, 49.4958, 53.8781

Protanopia

47.8394, 49.6543, 55.7780

Deuteranopia

50.6704, 49.6147, 53.9197



Tritanopia

51.7582, 49.5004, 57.2787

Trichromacy



Original Color

51.0230, 49.4958, 53.8781

Protanomaly

49.0907, 49.6909, 55.1480

Deuteranomaly

50.9471, 49.7574, 53.9326

Tritanomaly

51.5365, 49.4117, 56.1114

Monochromacy



Original Color

51.0230, 49.4958, 53.8781

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.4010, 50.4844, 54.7177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0230, 49.4958, 53.8781 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(207, 180, 187)` looks like.

```
.text, #text, p{  
    color:rgb(207, 180, 187)  
}
```

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(207, 180, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 180, 187) }
```

Border

The CSS property to change the border of an element to XYZ 51.0230, 49.4958, 53.8781 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(207, 180, 187) }
```


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

```
.border{ border-color:rgb(207, 180, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 180, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 180, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 180, 187);  
box-shadow:4px 4px 4px 4px rgb(207, 180,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0230, 49.4958, 53.8781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 180, 187) }
```

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

```
.background{ background-color: rgb(207,  
180, 187) }
```

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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