

Converting Colors

XYZ(49.3782, 50.6019, 53.8027)

Have a look what the booklet for
XYZ(49.3782, 50.6019, 53.8027)
contains.

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Color

**XYZ(49.1868, 50.3987,
53.5899)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BABA
RGB	196, 186, 186
RGB Percent	77%, 73%, 73%
CMY	0.2314, 0.2706, 0.2706
CMYK	0.00, 0.05, 0.05, 0.23
HSL	0°, 8%, 75%
HSV	0°, 5%, 77%
XYZ	49.1868, 50.3987, 53.5899
YIQ	188.9900, 5.9600, 2.1200

Conversions

Conversions Part 2

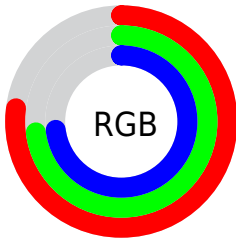
Format	Color
R _Y B	196, 186, 186
Decimal	12892858
CIE Lab	76.31, 3.52, 1.25
CIE LCh	76, 3.741, 19.567
Yxy	50.3987, 0.3211, 0.3290
Android (android.graphics.Color)	4291082938 (0xFFC4BABA)
YUV	188.9900, -1.4741, 6.1478
Hunter-Lab	70.9920, -0.5624, 4.9381

Details

The XYZ color **49.1868, 50.3987, 53.5899** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.9535, 53.9038, 59.9970**, and the grayscale version is **48.3710, 50.8901, 55.4193**.

A 20% lighter version of the original color is **88.2872, 90.7977, 96.8769**, and **23.7765, 24.2193, 25.6119** is the 20% darker color. If you saturate the color by 10%, you get **43.3961, 41.9258, 42.0750**, and if you desaturate by 10%, it is **55.8322, 60.1223, 66.8011**.

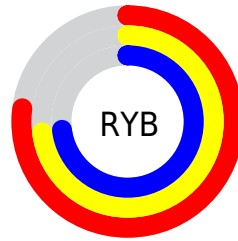
Distribution



Red (77%)

Green (73%)

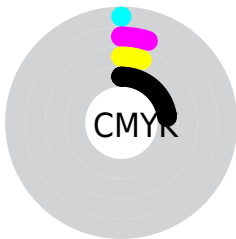
Blue (73%)



Red (77%)

Yellow (73%)

Blue (73%)

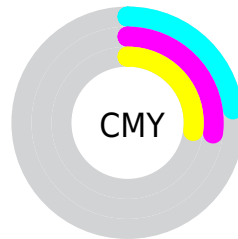


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.1868, 50.3987, 53.5899 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 49.1868, 50.3987, 53.5899 by changing the saturation by 10% instead.

■ 49.1868, 50.3987,
53.5899

■ 49.1868, 50.3987,
53.5899

373.9820,
388.2231, 417.6746

■ 34.9828, 35.7303,
37.8829

■ 88.1679, 90.7653,
96.9222

■ 23.8161, 24.2260,
25.5907

113.6757,
117.2323, 125.3845

■ 15.3213, 15.5013,
16.2947

143.6822,
148.4010, 158.9358

■ 9.1329, 9.1720,
9.5763

178.5527,
184.6557, 197.9945

■ 4.8858, 4.8535,
5.0171

218.6526,
226.3809, 242.9792

■ 2.2145, 2.1616,
2.1984

264.3472,

■ 0.7504, 0.6989,

273.9609, 294.3084

0.6734

316.0019,
327.7802, 352.4007

■ 0.0000, 0.0000,
0.0000

■ 49.1868, 50.3987,
53.5899

■ 49.1868, 50.3987,
53.5899

■ 43.3961, 41.9258,
42.0750

■ 55.8322, 60.1223,
66.8011

■ 38.4214, 34.6468,
32.1845

■ 63.3607, 71.1377,
81.7699

■ 34.2274, 28.5099,
23.8464

■ 71.8042, 83.4919,
98.5587

■ 30.7744, 23.4572,
16.9819

■ 76.5753, 90.4759,
108.0354

■ 28.0194, 19.4257,
11.5054

■ 25.9149, 16.3460,
7.3224

■ 24.4074, 14.1399,
4.3266

■ 23.4351, 12.7168,
2.3949

■ 22.9227, 11.9667,
1.3773

Harmonies

Analogous

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



49.2435, 50.3987, 55.5793



49.1868, 50.3987, 53.5899



48.7840, 50.3987, 51.9828

Triad

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



49.1868, 50.3987, 53.5899



46.8814, 50.3987, 52.4042



47.6582, 50.3987, 58.7696

Complementary

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



49.1868, 50.3987, 53.5899



49.9535, 53.9038, 59.9970

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.



47.0315, 50.3987, 57.8738



49.1868, 50.3987, 53.5899



46.5860, 50.3987, 54.1779

Square

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



49.1868, 50.3987, 53.5899



47.4514, 50.3987, 51.3099



46.6407, 50.3987, 56.1817



48.3564, 50.3987, 58.6028

Rectangle

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



49.1868, 50.3987, 53.5899



48.3757, 50.3987, 51.3290



46.6407, 50.3987, 56.1817



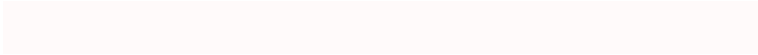
47.4323, 50.3987, 58.5820

Sweetspot

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



49.1882, 50.4009, 53.5910



92.6347, 96.4659, 104.0977



50.2884, 50.8399, 59.3879



19.8529, 20.6847, 22.3315



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.



49.1882, 50.4009, 53.5910



87.9969, 89.6800, 94.8766



50.2594, 52.5433, 53.9481



10.4358, 10.6085, 11.1966



14.6281, 7.5419, 0.6847



0.6321, 0.3260, 0.0296

Inverse Universe

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



49.9535, 53.9038, 59.9970



89.6419, 97.2097, 108.6465



48.8451, 51.6870, 59.6275



10.6461, 11.5713, 12.9572



19.0771, 27.9106, 37.9384



0.8244, 1.2061, 1.6392

Previews

White Background



This preview shows how the XYZ color 49.1868, 50.3987, 53.5899 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 49.1868, 50.3987, 53.5899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

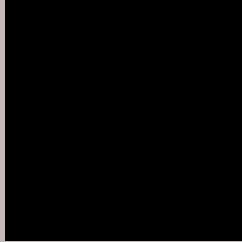
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

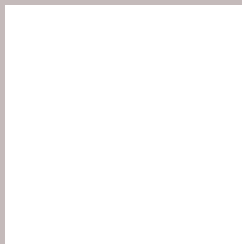
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.1868, 50.3987, 53.5899

Background



This preview shows how black text looks on a background with the XYZ color 49.1868, 50.3987, 53.5899.



This preview shows how white text looks on a background with the XYZ color 49.1868, 50.3987,

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

49.1868, 50.3987, 53.5899

Protanopia

48.4782, 50.3350, 54.1743

Deuteranopia

51.4297, 50.3092, 54.0137



Tritanopia

50.7380, 50.4103, 61.0888

Trichromacy



Original Color

49.1868, 50.3987, 53.5899

Protanomaly

48.7323, 50.4660, 54.1861

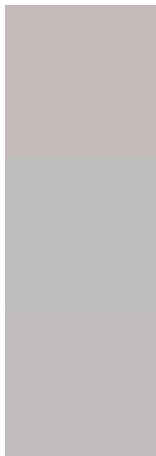
Deuteranomaly

50.5317, 50.1513, 54.0306

Tritanomaly

50.1125, 50.4633, 58.1381

Monochromacy



Original Color

49.1868, 50.3987, 53.5899

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.7985, 50.8037, 54.8111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1868, 50.3987, 53.5899 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(196, 186, 186) looks like.

```
.text, #text, p{  
    color:rgb(196, 186, 186)  
}
```

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(196, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 186, 186) }
```

Border

The CSS property to change the border of an element to XYZ 49.1868, 50.3987, 53.5899 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(196, 186, 186) }
```


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

```
.border{ border-color:rgb(196, 186, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 186, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(196, 186,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1868, 50.3987, 53.5899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 186, 186) }
```

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

```
.background{ background-color: rgb(196,  
186, 186) }
```

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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