

Converting Colors

XYZ(51.9045, 51.9016, 49.5475)

Have a look what the booklet for
XYZ(51.9045, 51.9016, 49.5475)
contains.

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Color

**XYZ(51.8893, 51.8875,
49.3999)**

Conversions

Conversions Part 1

Format	Color
Hex	D1BAB2
RGB	209, 186, 178
RGB Percent	82%, 73%, 70%
CMY	0.1804, 0.2706, 0.3020
CMYK	0.00, 0.11, 0.15, 0.18
HSL	15°, 25%, 76%
HSV	15°, 15%, 82%
XYZ	51.8893, 51.8875, 49.3999
YIQ	191.9650, 16.2760, 2.3880

Conversions

Conversions Part 2

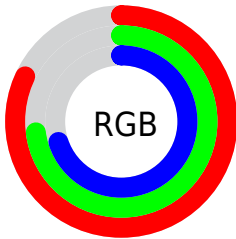
Format	Color
R _Y B	209, 189, 178
Decimal	13744818
CIE Lab	77.21, 6.87, 7.03
CIE LCh	77, 9.828, 45.686
Yxy	51.8875, 0.3388, 0.3387
Android (android.graphics.Color)	4291934898 (0xFFD1BAB2)
YUV	191.9650, -6.8847, 14.9397
Hunter-Lab	72.0330, 2.5256, 9.7623

Details

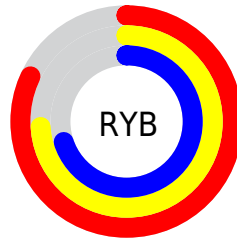
The XYZ color **51.8893, 51.8875, 49.3999** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7551, 55.8405, 68.4253**, and the grayscale version is **50.1160, 52.7259, 57.4185**.

A 20% lighter version of the original color is **87.8434, 90.7048, 90.7198**, and **25.4156, 25.1258, 22.9122** is the 20% darker color. If you saturate the color by 10%, you get **46.8581, 44.9310, 38.1465**, and if you desaturate by 10%, it is **57.5976, 59.6854, 62.4576**.

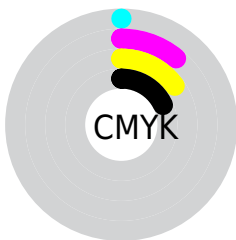
Distribution



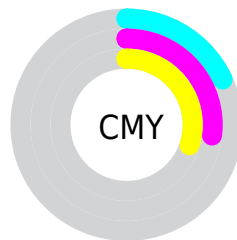
- Red (82%)
- Green (73%)
- Blue (70%)



- Red (82%)
- Yellow (74%)
- Blue (70%)



- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (18%)





- Cyan (18%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.8893, 51.8875, 49.3999 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 51.8893, 51.8875, 49.3999 by changing the saturation by 10% instead.

 51.8893, 51.8875,
49.3999

 51.8893, 51.8875,
49.3999


384.3401,
394.0021, 400.9822

 37.1408, 36.9154,
34.5690

 92.1432, 92.9653,
90.6722

 25.4907, 25.1420,
23.0502

118.3792,
119.8398, 117.9507

 16.5737, 16.1829,
14.4249


149.1751,
151.4506, 150.2155

 10.0244, 9.6537,
8.2747

184.8962,
188.1820, 187.8850

 5.4775, 5.1699,
4.1809

225.9079,
230.4185, 231.3779

 2.5677, 2.3473,
1.7251

272.5755,

 0.9295, 0.7986,

278.5444, 281.1127

0.3779

325.2645,
332.9441, 337.5080

■ 0.0000, 0.0000,
0.0000

■ 51.8893, 51.8875,
49.3999

■ 51.8893, 51.8875,
49.3999

■ 46.8581, 44.9310,
38.1465

■ 57.5976, 59.6854,
62.4576

■ 42.4739, 38.7806,
28.6144

■ 64.0029, 68.3445,
77.3909

■ 38.7108, 33.4087,
20.7189

■ 71.1296, 77.8930,
94.2715

■ 35.5395, 28.7835,
14.3669

■ 77.9184, 87.9229,
107.4718

■ 32.9279, 24.8710,
9.4559

■ 80.1047, 92.2954,
108.2006

■ 30.8409, 21.6344,
5.8706

■ 29.2388, 19.0330,
3.4780

■ 28.0752, 17.0216,
2.1164

■ 27.6121, 16.1902,
1.6697

Harmonies

Analogous

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



52.8846, 51.8875, 53.7403



51.8893, 51.8875, 49.3999



50.2177, 51.8875, 47.0366

Triad

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



51.8893, 51.8875, 49.3999



45.8931, 51.8875, 53.9726



50.3025, 51.8875, 67.0749

Complementary

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



51.8893, 51.8875, 49.3999



50.7551, 55.8405, 68.4253

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.



48.4281, 51.8875, 67.1470



51.8893, 51.8875, 49.3999



45.9145, 51.8875, 59.3457

Square

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



51.8893, 51.8875, 49.3999



46.7729, 51.8875, 49.5606



46.8321, 51.8875, 64.2425



51.9528, 51.8875, 64.0514

Rectangle

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



51.8893, 51.8875, 49.3999



48.9598, 51.8875, 46.7974



46.8321, 51.8875, 64.2425



49.6770, 51.8875, 67.4512

Sweetspot

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



51.8907, 51.8898, 49.4010



91.0844, 94.6274, 99.6905



52.7875, 49.6256, 62.2097



19.3405, 20.0432, 20.9788



0.0000, 0.0000, 0.0000



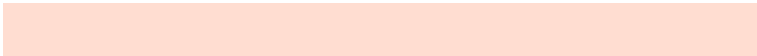
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.8907, 51.8898, 49.4010



78.6045, 77.5554, 71.2133



55.2759, 58.6602, 50.5294



12.0533, 12.2974, 12.3504



17.0929, 10.1187, 1.0522



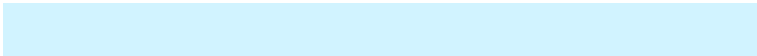
1.0209, 0.6961, 0.0806

Inverse Universe

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



50.7551, 55.8405, 68.4253



76.4680, 84.9803, 106.9803



47.3757, 49.0817, 67.2988



11.8893, 12.8688, 15.1010



14.4100, 17.4667, 39.8044



0.8678, 1.1008, 2.2463

Previews

White Background



This preview shows how the XYZ color 51.8893, 51.8875, 49.3999 looks on a white background.

Color Contrast Check

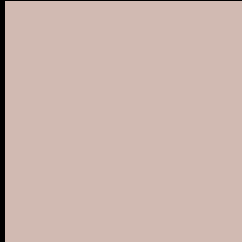
Large Text (above 18pt) WCAG AA × Fail

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 51.8893, 51.8875, 49.3999 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 51.8893, 51.8875, 49.3999

Background



This preview shows how black text looks on a background with the XYZ color 51.8893, 51.8875, 49.3999.



This preview shows how white text looks on a background with the XYZ color 51.8893, 51.8875,

49.3999.

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

51.8893, 51.8875, 49.3999

Protanopia

49.6776, 51.9925, 50.5973

Deuteranopia

52.9079, 51.7915, 49.3277



Tritanopia

54.1629, 51.8952, 59.9854

Trichromacy



Original Color

51.8893, 51.8875, 49.3999

Protanomaly

50.4217, 52.0674, 50.0403

Deuteranomaly

52.5362, 51.9093, 49.3700

Tritanomaly

53.2987, 51.8476, 55.9136

Monochromacy



Original Color

51.8893, 51.8875, 49.3999

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.6718, 52.4205, 54.4612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8893, 51.8875, 49.3999 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(209, 186, 178)` looks like.

```
.text, #text, p{  
    color:rgb(209, 186, 178)  
}
```

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(209, 186, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 186, 178) }
```

Border

The CSS property to change the border of an element to XYZ 51.8893, 51.8875, 49.3999 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(209, 186, 178) }
```


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

```
.border{ border-color:rgb(209, 186, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 186, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 186, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 186, 178);  
box-shadow:4px 4px 4px 4px rgb(209, 186,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8893, 51.8875, 49.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 186, 178) }
```

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

```
.background{ background-color: rgb(209,  
186, 178) }
```

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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