

Converting Colors

XYZ(52.1225, 49.3362, 51.4799)

Have a look what the booklet for
XYZ(52.1225, 49.3362, 51.4799)
contains.

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Color

**XYZ(52.0009, 49.1593,
51.5477)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B1B7
RGB	214, 177, 183
RGB Percent	84%, 69%, 72%
CMY	0.1608, 0.3059, 0.2823
CMYK	0.00, 0.17, 0.14, 0.16
HSL	350°, 31%, 77%
HSV	350°, 17%, 84%
XYZ	52.0009, 49.1593, 51.5477
YIQ	188.7470, 20.1260, 9.7100

Conversions

Conversions Part 2

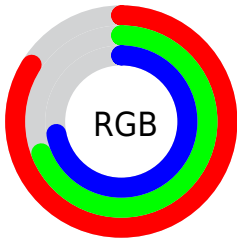
Format	Color
R _Y B	214, 177, 183
Decimal	14070199
CIE Lab	75.55, 14.33, 1.97
CIE LCh	76, 14.462, 7.826
Yxy	49.1593, 0.3405, 0.3219
Android (android.graphics.Color)	4292260279 (0xFFD6B1B7)
YUV	188.7470, -2.8333, 22.1469
Hunter-Lab	70.1137, 9.6883, 5.4895

Details

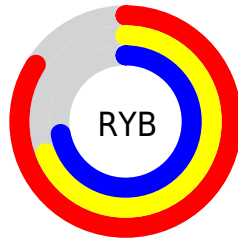
The XYZ color **52.0009, 49.1593, 51.5477** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.5651, 61.9955, 68.8206**, and the grayscale version is **48.2340, 50.7459, 55.2623**.

A 20% lighter version of the original color is **85.9589, 85.7698, 93.6861**, and **25.5350, 23.3979, 24.2895** is the 20% darker color. If you saturate the color by 10%, you get **46.3519, 40.6600, 41.0357**, and if you desaturate by 10%, it is **58.5533, 59.0838, 63.5352**.

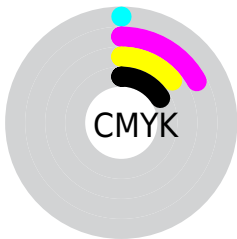
Distribution



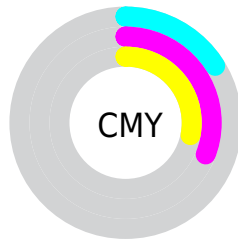
- Red (84%)
- Green (69%)
- Blue (72%)



- Red (84%)
- Yellow (69%)
- Blue (72%)



- Cyan (0%)
- Magenta (17%)
- Yellow (14%)
- Black (16%)





- Cyan (16%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0009, 49.1593, 51.5477 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 52.0009, 49.1593, 51.5477 by changing the saturation by 10% instead.


 52.0009, 49.1593,
51.5477

 52.0009, 49.1593,
51.5477


384.7640,
383.3691, 409.5951

 37.2301, 34.7459,
36.2649

 92.3068, 88.9280,
93.8836

 25.5602, 23.4672,
24.3476

118.5725,
115.0521, 121.7739

 16.6258, 14.9388,
15.3771


149.4007,
145.8484, 154.7037

 10.0617, 8.7765,
8.9349

185.1565,
181.7016, 193.0916

 5.5025, 4.5957,
4.6025

226.2054,
222.9958, 237.3561

 2.5828, 2.0120,
1.9614

272.9127,

 0.9372, 0.6145,

270.1155, 287.9159

0.5314

325.6438,
323.4452, 345.1894

■ 0.0000, 0.0000,
0.0000

■ 52.0009, 49.1593,
51.5477

■ 52.0009, 49.1593,
51.5477

■ 46.3519, 40.6600,
41.0357

■ 58.5533, 59.0838,
63.5352

■ 41.5625, 33.5141,
31.9389

■ 66.0422, 70.4878,
77.0491

■ 37.5913, 27.6535,
24.1973

■ 74.5041, 83.4310,
92.1417

■ 34.3919, 23.0016,
17.7455

■ 81.4979, 93.0187,
108.0371

■ 31.9132, 19.4736,
12.5126

■ 81.5417, 93.0362,
108.2678

■ 30.0977, 16.9736,
8.4206

■ 28.8789, 15.3897,
5.3824

■ 28.1701, 14.5724,
3.2955

■ 28.0304, 14.4157,
2.8708

Harmonies

Analogous

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



51.6451, 49.1593, 59.2733



52.0009, 49.1593, 51.5477



50.9009, 49.1593, 45.0008

Triad

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



52.0009, 49.1593, 51.5477



43.6442, 49.1593, 42.7256



44.8122, 49.1593, 68.3395

Complementary

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



52.0009, 49.1593, 51.5477



53.5651, 61.9955, 68.8206

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.



42.7829, 49.1593, 63.0654



52.0009, 49.1593, 51.5477



42.1267, 49.1593, 48.1630

Square

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



52.0009, 49.1593, 51.5477



46.0284, 49.1593, 40.2334



41.8176, 49.1593, 55.5545



47.4274, 49.1593, 69.4650

Rectangle

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



52.0009, 49.1593, 51.5477



49.5138, 49.1593, 42.0136



41.8176, 49.1593, 55.5545



44.0419, 49.1593, 66.9703

Sweetspot

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



52.0023, 49.1615, 51.5487



89.4438, 91.4641, 98.7802



53.8268, 49.6873, 70.3724



18.9822, 19.3301, 20.8487



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.



52.0023, 49.1615, 51.5487



73.8807, 67.9030, 70.2698



53.9382, 54.0111, 49.1800



12.5045, 12.4533, 13.3311



16.9678, 8.7235, 1.8688



1.0495, 0.5366, 0.2500

Inverse Universe

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



52.0023, 49.1615, 51.5487



73.8807, 67.9030, 70.2698



51.3132, 56.2886, 71.7790



12.5045, 12.4533, 13.3311



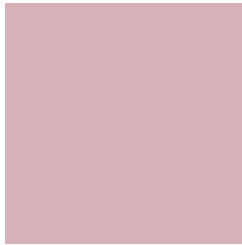
16.9678, 8.7235, 1.8688



1.0495, 0.5366, 0.2500

Previews

White Background



This preview shows how the XYZ color 52.0009, 49.1593, 51.5477 looks on a white background.

Color Contrast Check

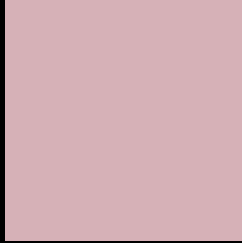
Large Text (above 18pt) WCAG AA × Fail

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 52.0009, 49.1593, 51.5477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

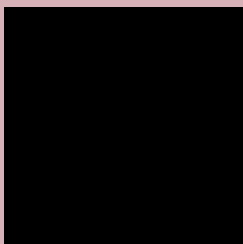
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0009, 49.1593, 51.5477

Background



This preview shows how black text looks on a background with the XYZ color 52.0009, 49.1593, 51.5477.



This preview shows how white text looks on a background with the XYZ color 52.0009, 49.1593,

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

52.0009, 49.1593, 51.5477

Protanopia

47.4123, 49.1476, 54.5645

Deuteranopia

50.2184, 49.1417, 51.0945



Tritanopia

52.8439, 49.2154, 55.4296

Trichromacy



Original Color

52.0009, 49.1593, 51.5477

Protanomaly

48.8796, 49.0068, 53.3374

Deuteranomaly

50.8581, 49.1729, 51.0668

Tritanomaly

52.5193, 49.0856, 53.7201

Monochromacy



Original Color

52.0009, 49.1593, 51.5477

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.6073, 50.2915, 54.1064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0009, 49.1593, 51.5477 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(214, 177, 183) looks like.

```
.text, #text, p{  
    color:rgb(214, 177, 183)  
}
```

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(214, 177, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 177, 183) }
```

Border

The CSS property to change the border of an element to XYZ 52.0009, 49.1593, 51.5477 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(214, 177, 183) }
```


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

```
.border{ border-color:rgb(214, 177, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 177, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 177, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 177, 183);  
box-shadow:4px 4px 4px 4px rgb(214, 177,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0009, 49.1593, 51.5477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 177, 183) }
```

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

```
.background{ background-color: rgb(214,  
177, 183) }
```

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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