

Converting Colors

XYZ(53.5660, 50.6062, 49.5971)

Have a look what the booklet for
XYZ(53.5660, 50.6062, 49.5971)
contains.

XYZ(53.4702, 50.5549, 49.5877)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.4702, 50.5549,
49.5877)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB3B3
RGB	219, 179, 179
RGB Percent	86%, 70%, 70%
CMY	0.1412, 0.2980, 0.2980
CMYK	0.00, 0.18, 0.18, 0.14
HSL	0°, 36%, 78%
HSV	0°, 18%, 86%
XYZ	53.4702, 50.5549, 49.5877
YIQ	190.9600, 23.8400, 8.4800

Conversions

Conversions Part 2

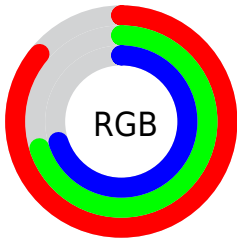
Format	Color
R _Y B	219, 179, 179
Decimal	14398387
CIE Lab	76.41, 14.44, 5.45
CIE LCh	76, 15.438, 20.673
Yxy	50.5549, 0.3481, 0.3291
Android (android.graphics.Color)	4292588467 (0xFFDDBB3B3)
YUV	190.9600, -5.8963, 24.5911
Hunter-Lab	71.1020, 9.8074, 8.4215

Details

The XYZ color **53.4702, 50.5549, 49.5877** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.7077, 65.3597, 76.6452**, and the grayscale version is **49.5226, 52.1016, 56.7387**.

A 20% lighter version of the original color is **85.9437, 86.6748, 90.7975**, and **26.3310, 24.2146, 23.0248** is the 20% darker color. If you saturate the color by 10%, you get **47.3832, 41.6482, 37.4851**, and if you desaturate by 10%, it is **60.6087, 61.0007, 63.7774**.

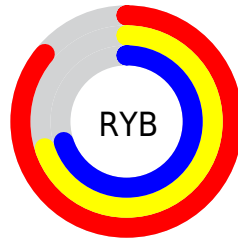
Distribution



Red (86%)

Green (70%)

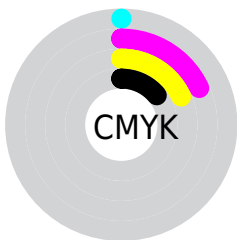
Blue (70%)



Red (86%)

Yellow (70%)

Blue (70%)

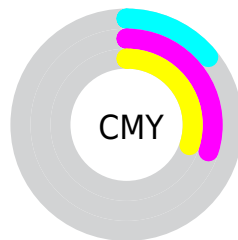


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (14%)



Cyan (14%)


Magenta (30%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4702, 50.5549, 49.5877 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 53.4702, 50.5549, 49.5877 by changing the saturation by 10% instead.


 53.4702, 50.5549,
49.5877

 53.4702, 50.5549,
49.5877

390.3179,
388.8320, 401.7402

 38.4072, 35.8545,
34.7170

 94.4574, 90.9965,
90.9537

 26.4776, 24.3218,
23.1632


121.1123,
117.5065, 118.2861

 17.3158, 15.5725,
14.5076


152.3619,
148.7218, 150.6095

 10.5566, 9.2222,
8.3318

188.5716,
185.0268, 188.3424

 5.8346, 4.8864,
4.2172

230.1066,
226.8060, 231.9034

 2.7845, 2.1808,
1.7452

277.3325,

 1.0408, 0.7095,

274.4436, 281.7110

0.3915

330.6144,
328.3242, 338.1837

■ 0.0000, 0.0000,
0.0000

■ 53.4702, 50.5549,
49.5877

■ 53.4702, 50.5549,
49.5877

■ 47.3832, 41.6482,
37.4851

■ 60.6087, 61.0007,
63.7774

■ 42.2942, 34.2016,
27.3684

■ 68.8407, 73.0463,
80.1428

■ 38.1512, 28.1391,
19.1324

■ 78.2109, 86.7573,
98.7711

■ 34.8958, 23.3755,
12.6612

■ 83.0236, 93.8002,
108.3372

■ 32.4634, 19.8161,
7.8260

■ 30.7803, 17.3531,
4.4805

■ 29.7600, 15.8599,
2.4526

■ 29.2759, 15.1515,
1.4907

■ 29.2139, 15.0606,
1.3673

Harmonies

Analogous

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



53.7778, 50.5549, 57.6799



53.4702, 50.5549, 49.5877



51.6795, 50.5549, 43.5726

Triad

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



53.4702, 50.5549, 49.5877



43.8573, 50.5549, 45.5149



47.1511, 50.5549, 72.3933

Complementary

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



53.4702, 50.5549, 49.5877



56.7077, 65.3597, 76.6452

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.



44.5963, 50.5549, 68.3743



53.4702, 50.5549, 49.5877



42.7458, 50.5549, 52.4929

Square

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



53.4702, 50.5549, 49.5877



46.1053, 50.5549, 41.3909



43.0108, 50.5549, 60.8902



50.0505, 50.5549, 71.4149

Rectangle

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



53.4702, 50.5549, 49.5877



49.9239, 50.5549, 41.2847



43.0108, 50.5549, 60.8902



46.2254, 50.5549, 71.5680

Sweetspot

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



53.4716, 50.5572, 49.5888



89.1316, 91.3398, 97.1340



58.1203, 52.4154, 74.0723



18.9067, 19.3000, 20.4504



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.



53.4716, 50.5572, 49.5888



71.9389, 66.1823, 62.9548



57.7741, 59.1622, 51.0229



13.0562, 13.0517, 13.5567



17.3224, 8.9303, 0.8107



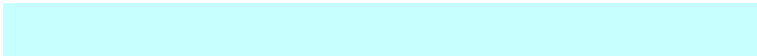
1.1223, 0.5786, 0.0525

Inverse Universe

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



56.7077, 65.3597, 76.6452



77.3349, 90.8649, 108.0704



51.8006, 55.5457, 75.0095



13.4448, 14.8294, 16.8059



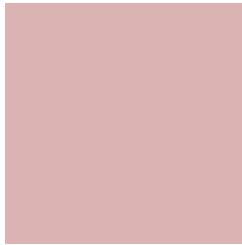
22.5987, 33.0669, 44.9299



1.4641, 2.1423, 2.9108

Previews

White Background



This preview shows how the XYZ color 53.4702, 50.5549, 49.5877 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 53.4702, 50.5549, 49.5877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

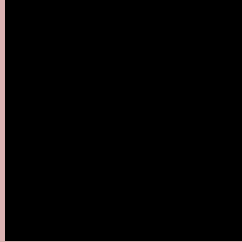
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4702, 50.5549, 49.5877

Background



This preview shows how black text looks on a background with the XYZ color 53.4702, 50.5549, 49.5877.



This preview shows how white text looks on a background with the XYZ color 53.4702, 50.5549,

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

53.4702, 50.5549, 49.5877

Protanopia

48.6273, 50.7646, 52.5830

Deuteranopia

51.6278, 50.5191, 49.1496



Tritanopia

54.6413, 50.4215, 56.1426

Trichromacy



Original Color

53.4702, 50.5549, 49.5877

Protanomaly

50.1496, 50.6319, 51.3857

Deuteranomaly

52.2913, 50.5582, 49.1221

Tritanomaly

54.4052, 50.6443, 53.9216

Monochromacy



Original Color

53.4702, 50.5549, 49.5877

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.8274, 51.5460, 54.2842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4702, 50.5549, 49.5877 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(219, 179, 179)` looks like.

```
.text, #text, p{  
    color:rgb(219, 179, 179)  
}
```

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(219, 179, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 179, 179) }
```

Border

The CSS property to change the border of an element to XYZ 53.4702, 50.5549, 49.5877 is called "border". The border property can be set on classes, ids or directly on the HTML element.

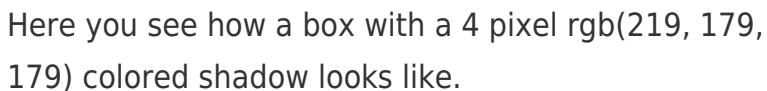
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 179, 179) }
```


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

```
.border{ border-color:rgb(219, 179, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 179, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 179, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 179, 179); box-shadow:4px 4px 4px 4px rgb(219, 179, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4702, 50.5549, 49.5877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 179, 179) }
```

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

```
.background{ background-color: rgb(219,  
179, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor