

Converting Colors

XYZ(54.0841, 50.4321, 49.7515)

Have a look what the booklet for
XYZ(54.0841, 50.4321, 49.7515)
contains.

XYZ(54.1813, 50.6251, 49.5638)	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(54.1813, 50.6251,
49.5638)**

Conversions

Conversions Part 1

Format	Color
Hex	DEB2B3
RGB	222, 178, 179
RGB Percent	87%, 70%, 70%
CMY	0.1294, 0.3019, 0.2980
CMYK	0.00, 0.20, 0.19, 0.13
HSL	359°, 40%, 78%
HSV	359°, 20%, 87%
XYZ	54.1813, 50.6251, 49.5638
YIQ	191.2700, 25.9030, 9.6390

Conversions

Conversions Part 2

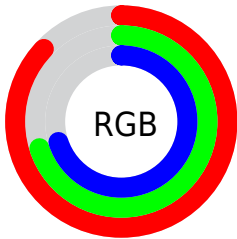
Format	Color
R _Y B	222, 178, 179
Decimal	14594739
CIE Lab	76.45, 16.08, 5.55
CIE LCh	76, 17.012, 19.036
Yxy	50.6251, 0.3510, 0.3279
Android (android.graphics.Color)	4292784819 (0xFFDEB2B3)
YUV	191.2700, -6.0491, 26.9502
Hunter-Lab	71.1513, 11.4119, 8.5047

Details

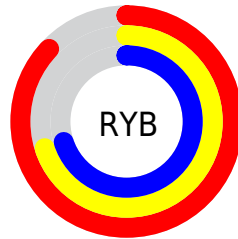
The XYZ color **54.1813, 50.6251, 49.5638** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.5346, 66.9292, 78.2962**, and the grayscale version is **49.7026, 52.2910, 56.9449**.

A 20% lighter version of the original color is **85.6582, 86.1038, 90.7023**, and **26.8254, 24.2806, 23.0114** is the 20% darker color. If you saturate the color by 10%, you get **48.0920, 41.6861, 37.5459**, and if you desaturate by 10%, it is **61.3335, 61.1364, 63.6407**.

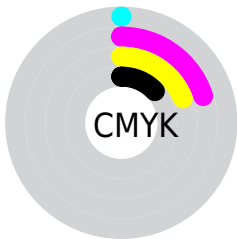
Distribution



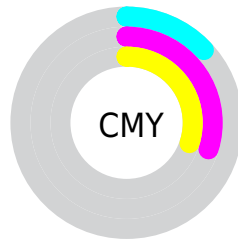
- Red (87%)
- Green (70%)
- Blue (70%)



- Red (87%)
- Yellow (70%)
- Blue (70%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (13%)





- Cyan (13%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1813, 50.6251, 49.5638 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 54.1813, 50.6251, 49.5638 by changing the saturation by 10% instead.


 54.1813, 50.6251,
49.5638

 54.1813, 50.6251,
49.5638


392.9881,
389.1055, 401.6438

 38.9779, 35.9103,
34.6982


 95.4957, 91.1004,
90.9179

 26.9232, 24.3650,
23.1488

122.3374,
117.6297, 118.2434

 17.6518, 15.6046,
14.4971


153.7893,
148.8659, 150.5594

 10.7985, 9.2448,
8.3245

190.2166,
185.1935, 188.2842

 5.9978, 4.9012,
4.2126

231.9848,
226.9969, 231.8366

 2.8844, 2.1894,
1.7427

279.4592,

 1.0929, 0.7142,

274.6604, 281.6349

0.3897

333.0052,
328.5685, 338.0978

■ 0.0192, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1813, 50.6251,
49.5638

■ 54.1813, 50.6251,
49.5638

■ 48.0920, 41.6861,
37.5459

■ 61.3335, 61.1364,
63.6407

■ 43.0110, 34.2374,
27.4876

■ 69.5916, 73.2832,
79.8634

■ 38.8852, 28.2001,
19.2860

■ 79.0010, 87.1335,
98.3175

■ 35.6549, 23.4851,
12.8275

■ 83.9344, 94.2697,
108.3798

■ 33.2536, 19.9933,
7.9861

■ 31.6058, 17.6118,
4.6190

■ 30.6222, 16.2066,
2.5583

■ 30.1585, 15.5504,
1.5676

■ 30.1519, 15.5407,
1.5548

Harmonies

Analogous

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



54.4247, 50.6251, 58.5473



54.1813, 50.6251, 49.5638



52.2717, 50.6251, 42.8404

Triad

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



54.1813, 50.6251, 49.5638



43.6126, 50.6251, 44.3426



46.9551, 50.6251, 74.3275

Complementary

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



54.1813, 50.6251, 49.5638



57.5346, 66.9292, 78.2962

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.



44.1897, 50.6251, 69.5519



54.1813, 50.6251, 49.5638



42.3177, 50.6251, 51.8332

Square

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



54.1813, 50.6251, 49.5638



46.1355, 50.6251, 40.0652



42.5242, 50.6251, 61.0812



50.1557, 50.6251, 73.5455

Rectangle

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



54.1813, 50.6251, 49.5638



50.3563, 50.6251, 40.2295



42.5242, 50.6251, 61.0812



45.9464, 50.6251, 73.2996

Sweetspot

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



54.1827, 50.6274, 49.5649



88.0469, 89.6977, 95.1470



58.7835, 52.4161, 76.1267



18.6898, 18.9698, 20.0591



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.



54.1827, 50.6274, 49.5649



70.3586, 63.7031, 60.3272



58.4778, 59.3782, 50.5014



13.7198, 13.7055, 14.2944



17.9150, 9.2330, 0.9523



1.2463, 0.6418, 0.0897

Inverse Universe

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



54.1827, 50.6274, 49.5649



70.3586, 63.7031, 60.3272



52.5425, 56.7321, 77.2888



13.7198, 13.7055, 14.2944



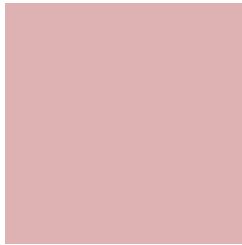
17.9150, 9.2330, 0.9523



1.2463, 0.6418, 0.0897

Previews

White Background



This preview shows how the XYZ color 54.1813, 50.6251, 49.5638 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 54.1813, 50.6251, 49.5638 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 54.1813, 50.6251, 49.5638

Background



This preview shows how black text looks on a background with the XYZ color 54.1813, 50.6251, 49.5638.



This preview shows how white text looks on a background with the XYZ color 54.1813, 50.6251,

49.5638.

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

54.1813, 50.6251, 49.5638

Protanopia

48.7325, 50.8067, 53.1371

Deuteranopia

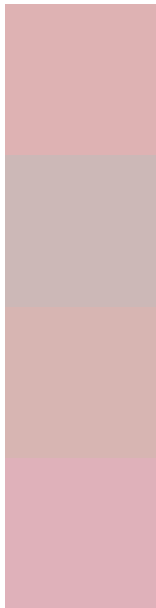
51.6278, 50.5191, 49.1496



Tritanopia

55.2510, 50.4563, 55.5422

Trichromacy



Original Color

54.1813, 50.6251, 49.5638

Protanomaly

50.5896, 50.5372, 51.8881

Deuteranomaly

52.5841, 50.7092, 49.1358

Tritanomaly

55.0165, 50.6774, 53.3364

Monochromacy



Original Color

54.1813, 50.6251, 49.5638

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.8857, 51.2622, 54.2263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1813, 50.6251, 49.5638 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(222, 178, 179)` looks like.

```
.text, #text, p{  
    color:rgb(222, 178, 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(222, 178, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 178, 179) }
```

Border

The CSS property to change the border of an element to XYZ 54.1813, 50.6251, 49.5638 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(222, 178, 179) }
```


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

```
.border{ border-color:rgb(222, 178, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 178, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 178, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 178, 179);  
box-shadow:4px 4px 4px 4px rgb(222, 178,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1813, 50.6251, 49.5638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 178, 179) }
```

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

```
.background{ background-color: rgb(222,  
178, 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