

Converting Colors

XYZ(54.3956, 50.7546, 62.1906)

Have a look what the booklet for
XYZ(54.3956, 50.7546, 62.1906)
contains.

XYZ(54.3943, 50.7534, 62.1878)	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(54.3943, 50.7534,
62.1878)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B3C9
RGB	214, 179, 201
RGB Percent	84%, 70%, 79%
CMY	0.1608, 0.2980, 0.2118
CMYK	0.00, 0.16, 0.06, 0.16
HSL	322°, 30%, 77%
HSV	322°, 16%, 84%
XYZ	54.3943, 50.7534, 62.1878
YIQ	191.9730, 13.7980, 14.2620

Conversions

Conversions Part 2

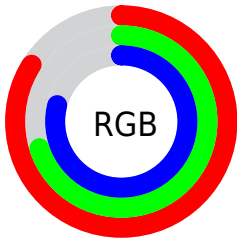
Format	Color
R_{YB}	214, 179, 201
Decimal	14070729
CIE Lab	76.53, 16.29, -6.40
CIE LCh	77, 17.502, 338.535
Yxy	50.7534, 0.3251, 0.3033
Android (android.graphics.Color)	4292260809 (0xFFD6B3C9)
YUV	191.9730, 4.4503, 19.3177
Hunter-Lab	71.2414, 11.6160, -1.8862

Details

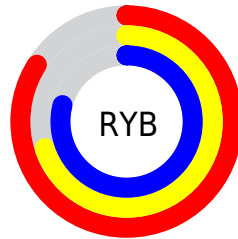
The XYZ color **54.3943, 50.7534, 62.1878** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.1534, 61.4841, 58.9910**, and the grayscale version is **50.0576, 52.6645, 57.3517**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **27.0254, 24.3992, 30.8889** is the 20% darker color. If you saturate the color by 10%, you get **49.5229, 42.4680, 56.0693**, and if you desaturate by 10%, it is **59.9827, 60.3938, 68.7853**.

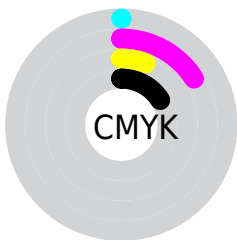
Distribution



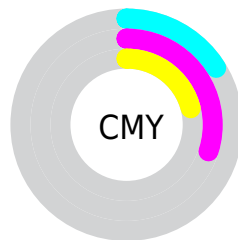
- Red (84%)
- Green (70%)
- Blue (79%)



- Red (84%)
- Yellow (70%)
- Blue (79%)



- Cyan (0%)
- Magenta (16%)
- Yellow (6%)
- Black (16%)



- Cyan (16%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3943, 50.7534, 62.1878 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 54.3943, 50.7534, 62.1878 by changing the saturation by 10% instead.

■ 54.3943, 50.7534,
62.1878

■ 54.3943, 50.7534,
62.1878

393.7857,
389.6049, 450.6423

■ 39.1489, 36.0124,
44.7477

■ 95.8064, 91.2902,
109.5711

■ 27.0568, 24.4438,
30.9172

122.7039,
117.8547, 140.3514

■ 17.7527, 15.6631,
20.2779

154.2161,
149.1292, 176.4156

■ 10.8712, 9.2861,
12.4111

190.7084,
185.4980, 218.1821

■ 6.0469, 4.9283,
6.8984

232.5462,
227.3456, 266.0694

■ 2.9146, 2.2052,
3.3212

280.0947,

■ 1.1088, 0.7228,

275.0564, 320.4962

1.2609

333.7194,
329.0147, 381.8810

■ 0.0324, 0.0000,
0.0294

■ 0.0000, 0.0000,
0.0000

■ 54.3943, 50.7534,
62.1878

■ 54.3943, 50.7534,
62.1878

■ 49.5229, 42.4680,
56.0693

■ 59.9827, 60.3938,
68.7853

■ 45.3327, 35.4695,
50.4124

■ 66.3129, 71.4401,
75.8719

■ 41.7914, 29.6937,
45.2035

■ 73.4141, 83.9486,
83.4611

■ 38.8624, 25.0684,
40.4265

■ 78.1712, 91.6881,
90.5181

■ 36.5050, 21.5138,
36.0640

■ 79.3316, 92.1522,
96.6285

■ 34.6734, 18.9395,
32.0969

■ 80.5438, 92.6371,
103.0118

■ 33.3145, 17.2404,
28.5034

■ 81.5419, 93.0363,
108.2678

■ 32.3611, 16.2835,
25.2568

■ 32.0704, 16.0317,
24.1438

Harmonies

Analogous

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



52.3051, 50.7534, 70.7442



54.3943, 50.7534, 62.1878



54.7962, 50.7534, 52.6061

Triad

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



54.3943, 50.7534, 62.1878



47.3032, 50.7534, 39.1566



43.4406, 50.7534, 67.3846

Complementary

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



54.3943, 50.7534, 62.1878



52.1534, 61.4841, 58.9910

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.



42.2280, 50.7534, 58.0054



54.3943, 50.7534, 62.1878



44.3904, 50.7534, 42.2211

Square

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



54.3943, 50.7534, 62.1878



50.6009, 50.7534, 40.0051



42.5676, 50.7534, 48.8702



45.9529, 50.7534, 73.9747

Rectangle

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



54.3943, 50.7534, 62.1878



54.0365, 50.7534, 47.0210



42.5676, 50.7534, 48.8702



42.8728, 50.7534, 64.4133

Sweetspot

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



54.3958, 50.7556, 62.1889



90.3633, 91.8319, 103.6221



49.9558, 48.2825, 70.3057



19.2054, 19.4194, 22.0238



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.



54.3958, 50.7556, 62.1889



77.9812, 70.5051, 88.8975



52.4703, 49.9855, 52.0496



12.7483, 12.5508, 14.6146



19.4360, 9.7107, 14.8660



1.2117, 0.6015, 1.1042

Inverse Universe

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



54.3958, 50.7556, 62.1889



77.9812, 70.5051, 88.8975



54.1886, 62.2981, 69.7080



12.7483, 12.5508, 14.6146



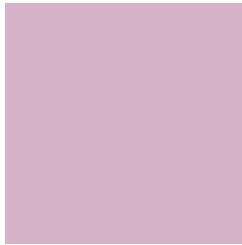
19.4360, 9.7107, 14.8660



1.2117, 0.6015, 1.1042

Previews

White Background



This preview shows how the XYZ color 54.3943, 50.7534, 62.1878 looks on a white background.

Color Contrast Check

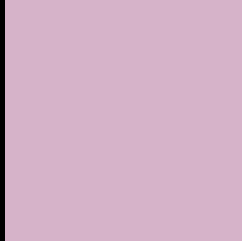
Large Text (above 18pt) WCAG AA × Fail

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 54.3943, 50.7534, 62.1878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

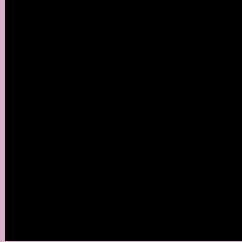
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3943, 50.7534, 62.1878

Background



This preview shows how black text looks on a background with the XYZ color 54.3943, 50.7534, 62.1878.



This preview shows how white text looks on a background with the XYZ color 54.3943, 50.7534,

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

54.3943, 50.7534, 62.1878

Protanopia

49.6173, 50.9875, 65.6190

Deuteranopia

51.7159, 50.5937, 61.6834



Tritanopia

53.4994, 50.6837, 58.0021

Trichromacy



Original Color

54.3943, 50.7534, 62.1878

Protanomaly

51.2740, 50.9279, 64.2544

Deuteranomaly

52.6069, 50.7478, 61.6662

Tritanomaly

53.8399, 50.8199, 59.7949

Monochromacy



Original Color

54.3943, 50.7534, 62.1878

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.4401, 51.7601, 58.9093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3943, 50.7534, 62.1878 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, 179, 201)` looks like.

```
.text, #text, p{  
    color:rgb(214, 179, 201)  
}
```

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, 179, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 179, 201) }
```

Border

The CSS property to change the border of an element to XYZ 54.3943, 50.7534, 62.1878 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, 179, 201) }
```


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

```
.border{ border-color:rgb(214, 179, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 179, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 179, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 179, 201);  
box-shadow:4px 4px 4px 4px rgb(214, 179,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3943, 50.7534, 62.1878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 179, 201) }
```

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

```
.background{ background-color: rgb(214,  
179, 201) }
```

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