

# Converting Colors

XYZ(54.2504, 50.4478, 61.0948)

Have a look what the booklet for  
XYZ(54.2504, 50.4478, 61.0948)  
contains.

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# Color

**XYZ(54.2535, 50.4114,  
60.9037)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D7B2C7
RGB	215, 178, 199
RGB Percent	84%, 70%, 78%
CMY	0.1569, 0.3019, 0.2196
CMYK	0.00, 0.17, 0.07, 0.16
HSL	326°, 32%, 77%
HSV	326°, 17%, 84%
XYZ	54.2535, 50.4114, 60.9037
YIQ	191.4570, 15.3110, 14.3750

# Conversions

## Conversions Part 2

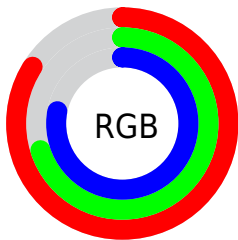
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 178, 199
Decimal	14136007
CIE Lab	76.32, 16.83, -5.61
CIE LCh	76, 17.739, 341.552
Yxy	50.4114, 0.3277, 0.3045
Android (android.graphics.Color)	4292326087 (0xFFD7B2C7)
YUV	191.4570, 3.7187, 20.6472
Hunter-Lab	71.0010, 12.1443, -1.1575

# Details

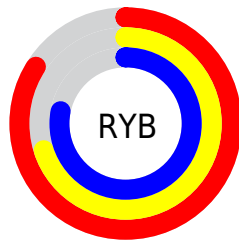
The XYZ color **54.2535, 50.4114, 60.9037** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.4001, 61.9622, 60.2400**, and the grayscale version is **49.7606, 52.3521, 57.0114**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **26.9417, 24.1851, 30.0363** is the 20% darker color. If you saturate the color by 10%, you get **49.2598, 42.0987, 54.0747**, and if you desaturate by 10%, it is **59.9865, 60.0958, 68.3058**.

# Distribution



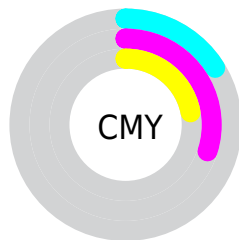
- Red (84%)
- Green (70%)
- Blue (78%)



- Red (84%)
- Yellow (70%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (7%)
- Black (16%)




- Cyan (16%)
- Magenta (30%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2535, 50.4114, 60.9037 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 54.2535, 50.4114, 60.9037 by changing the saturation by 10% instead.





 54.2535, 50.4114,  
60.9037

 54.2535, 50.4114,  
60.9037


393.2585,  
388.2726, 445.8176

 39.0358, 35.7404,  
43.7174


 95.6011, 90.7841,  
107.6957

 26.9685, 24.2338,  
30.1128


122.4617,  
117.2546, 138.1384

 17.6860, 15.5071,  
19.6715


153.9340,  
148.4271, 173.8370

 10.8231, 9.1761,  
11.9748

190.3834,  
184.6859, 215.2101

 6.0144, 4.8562,  
6.6042

232.1752,  
226.4155, 262.6762

 2.8946, 2.1631,  
3.1411

279.6747,

 1.0983, 0.6998,

274.0002, 316.6537

1.1671

333.2474,  
327.8244, 377.5614

■ 0.0237, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.2535, 50.4114,  
60.9037

■ 54.2535, 50.4114,  
60.9037

■ 49.2598, 42.0987,  
54.0747

■ 59.9865, 60.0958,  
68.3058

■ 44.9688, 35.0883,  
47.7990

■ 66.4848, 71.2039,  
76.2936

■ 41.3470, 29.3148,  
42.0603

■ 73.7782, 83.7931,  
84.8830

■ 38.3567, 24.7041,  
36.8398

■ 78.9532, 92.0346,  
93.1081

■ 35.9558, 21.1747,  
32.1171

■ 80.3413, 92.5899,  
100.4182

■ 34.0971, 18.6338,  
27.8702

■ 81.8009, 93.1737,  
108.1043

■ 32.7252, 16.9732,  
24.0738

■ 81.8346, 93.1872,  
108.2815

■ 31.7669, 16.0484,  
20.6966

■ 31.5386, 15.8528,  
19.8159

# Harmonies

## Analogous

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



52.2916, 50.4114, 69.7996



54.2535, 50.4114, 60.9037



54.4705, 50.4114, 51.2960

# Triad

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



54.2535, 50.4114, 60.9037



46.6428, 50.4114, 38.8019



43.2775, 50.4114, 67.9835

# Complementary

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



54.2535, 50.4114, 60.9037



52.4001, 61.9622, 60.2400

# 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.



41.9069, 50.4114, 58.6469



54.2535, 50.4114, 60.9037



43.7888, 50.4114, 42.2699

# Square

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



54.2535, 50.4114, 60.9037



49.9709, 50.4114, 39.2570



42.0896, 50.4114, 49.2848



45.9153, 50.4114, 74.2024



# Rectangle

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



54.2535, 50.4114, 60.9037



53.5849, 50.4114, 45.8360



42.0896, 50.4114, 49.2848



42.6590, 50.4114, 65.0628

# Sweetspot

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



54.2550, 50.4136, 60.9048



90.2414, 91.7831, 102.9801



50.2868, 48.1419, 70.9325



19.1757, 19.4075, 21.8677



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.



54.2550, 50.4136, 60.9048



76.7746, 69.0606, 85.5090



52.2956, 49.6299, 50.5867



12.7155, 12.5377, 14.4423



18.9178, 9.5034, 12.1371



1.1822, 0.5897, 0.9489



# Inverse Universe

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



54.2550, 50.4136, 60.9048



76.7746, 69.0606, 85.5090



54.5353, 62.8163, 71.4835



12.7155, 12.5377, 14.4423



18.9178, 9.5034, 12.1371

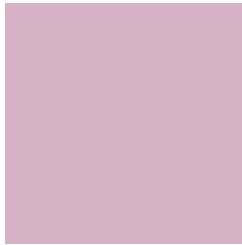


1.1822, 0.5897, 0.9489



# Previews

## White Background



This preview shows how the XYZ color 54.2535, 50.4114, 60.9037 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

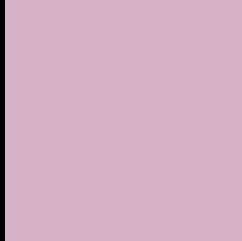
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.2535, 50.4114, 60.9037 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

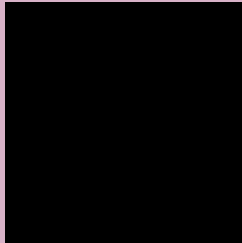
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 54.2535, 50.4114, 60.9037**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.2535, 50.4114, 60.9037.



This preview shows how white text looks on a background with the XYZ color 54.2535, 50.4114,



# 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

54.2535, 50.4114, 60.9037

### Protanopia

49.2833, 50.5132, 64.9101

### Deuteranopia

51.4836, 50.5007, 60.4602



## Tritanopia

53.4773, 50.3866, 57.3591

# Trichromacy



## Original Color

54.2535, 50.4114, 60.9037

## Protanomaly

50.9459, 50.4631, 63.5551

## Deuteranomaly

52.4490, 50.3904, 60.3880

## Tritanomaly

53.7020, 50.4765, 58.5423

# Monochromacy



## Original Color

54.2535, 50.4114, 60.9037

## Achromatopsia

49.5206, 52.0996, 56.7364

## Achromatomaly

51.1159, 51.2922, 58.2452

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.2535, 50.4114, 60.9037 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(215, 178, 199)` looks like.

```
.text, #text, p{  
    color:rgb(215, 178, 199)  
}
```

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(215, 178, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 178, 199) }
```

## Border

The CSS property to change the border of an element to XYZ 54.2535, 50.4114, 60.9037 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(215, 178, 199) }
```



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

```
.border{ border-color:rgb(215, 178, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 178, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 178, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 178, 199);  
box-shadow:4px 4px 4px 4px rgb(215, 178,  
199) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.2535, 50.4114, 60.9037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 178, 199) }
```

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

```
.background{ background-color: rgb(215,  
178, 199) }
```

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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