

# Converting Colors

XYZ(58.5000, 53.9479, 62.1924)

Have a look what the booklet for  
XYZ(58.5000, 53.9479, 62.1924)  
contains.

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# Color

**XYZ(58.4102, 54.0447,  
61.9967)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E1B7C8
RGB	225, 183, 200
RGB Percent	88%, 72%, 78%
CMY	0.1176, 0.2823, 0.2157
CMYK	0.00, 0.19, 0.11, 0.12
HSL	336°, 41%, 80%
HSV	336°, 19%, 88%
XYZ	58.4102, 54.0447, 61.9967
YIQ	197.4960, 19.5750, 14.1910

# Conversions

## Conversions Part 2

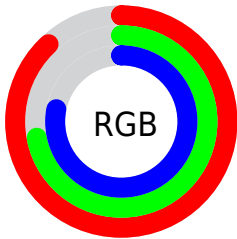
Format	Color
R <sub>Y</sub> B	225, 183, 200
Decimal	14792648
CIE Lab	78.49, 17.82, -2.86
CIE LCh	78, 18.048, 350.890
Yxy	54.0447, 0.3348, 0.3098
Android (android.graphics.Color)	4292982728 (0xFFE1B7C8)
YUV	197.4960, 1.2345, 24.1210
Hunter-Lab	73.5151, 13.1728, 1.4602

# Details

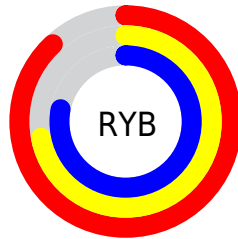
The XYZ color **58.4102, 54.0447, 61.9967** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.8410, 68.4733, 69.8460**, and the grayscale version is **53.3566, 56.1353, 61.1313**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **29.5331, 26.4756, 30.7479** is the 20% darker color. If you saturate the color by 10%, you get **52.6379, 44.8959, 52.6849**, and if you desaturate by 10%, it is **65.0646, 64.7368, 72.2805**.

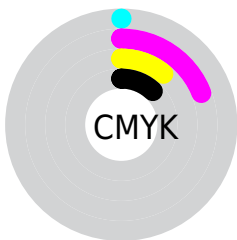
# Distribution



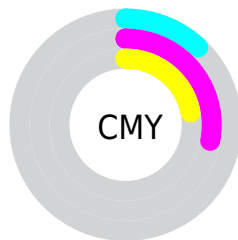
- Red (88%)
- Green (72%)
- Blue (78%)



- Red (88%)
- Yellow (72%)
- Blue (78%)



- Cyan (0%)
- Magenta (19%)
- Yellow (11%)
- Black (12%)




- Cyan (12%)
- Magenta (28%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4102, 54.0447, 61.9967 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 58.4102, 54.0447, 61.9967 by changing the saturation by 10% instead.




 58.4102, 54.0447,  
61.9967

 58.4102, 54.0447,  
61.9967


408.6420,  
402.2804, 449.9264

 42.3831, 38.6374,  
44.5943

 101.6395, 96.1399,  
109.2923

 29.5938, 26.4778,  
30.7973


129.5724,  
123.5965, 140.0226

 19.6770, 17.1814,  
20.1874


162.2045,  
155.8384, 176.0325

 12.2674, 10.3639,  
12.3459

199.9013,  
193.2500, 217.7407

 6.9995, 5.6409,  
6.8543

243.0281,  
236.2156, 265.5656

 3.5081, 2.6280,  
3.2941

291.9502,

 1.4278, 0.9408,

285.1196, 319.9258

1.2467

347.0331,  
340.3464, 381.2399

■ 0.2759, 0.0000,  
0.0175

■ 0.0000, 0.0000,  
0.0000

■ 58.4102, 54.0447,  
61.9967

■ 58.4102, 54.0447,  
61.9967

■ 52.6379, 44.8959,  
52.6849

■ 65.0646, 64.7368,  
72.2805

■ 47.7043, 37.2115,  
44.3115

■ 72.6327, 77.0321,  
83.5615

■ 43.5695, 30.9164,  
36.8457

■ 81.1502, 90.9959,  
95.8683

■ 40.1878, 25.9259,  
30.2536

■ 84.6336, 94.6565,  
107.2219

■ 37.5093, 22.1458,  
24.4988

■ 84.8617, 94.7477,  
108.4232

■ 35.4769, 19.4693,  
19.5418

■ 34.0243, 17.7704,  
15.3384

■ 33.0533, 16.8606,  
11.8329

■ 32.9425, 16.7641,  
11.4104

# Harmonies

## Analogous

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



56.8511, 54.0447, 72.0652



58.4102, 54.0447, 61.9967



58.0159, 54.0447, 52.1434

# Triad

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



58.4102, 54.0447, 61.9967



48.9710, 54.0447, 42.3991



47.1793, 54.0447, 75.3633

# Complementary

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



58.4102, 54.0447, 61.9967



57.8410, 68.4733, 69.8460

# 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.



45.2482, 54.0447, 66.0986



58.4102, 54.0447, 61.9967



46.2490, 54.0447, 47.3502

# Square

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



58.4102, 54.0447, 61.9967



52.4567, 54.0447, 41.5695



44.9156, 54.0447, 55.8029



50.2942, 54.0447, 80.3464



# Rectangle

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



58.4102, 54.0447, 61.9967



56.7053, 54.0447, 46.9486



44.9156, 54.0447, 55.8029



46.3763, 54.0447, 72.5994

# Sweetspot

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



58.4117, 54.0471, 61.9978



88.9298, 90.0509, 99.7963



56.3982, 52.6435, 78.4236



18.8979, 19.0530, 21.1547



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.



58.4117, 54.0471, 61.9978



74.7722, 67.3136, 77.8811



57.2650, 54.7578, 52.3538



13.9360, 13.7920, 15.4330



19.0372, 9.6819, 6.8617



1.3631, 0.6885, 0.7047



# Inverse Universe

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



58.4117, 54.0471, 61.9978



74.7722, 67.3136, 77.8811



59.1095, 67.4823, 81.1449



13.9360, 13.7920, 15.4330



19.0372, 9.6819, 6.8617



1.3631, 0.6885, 0.7047



# Previews

## White Background



This preview shows how the XYZ color 58.4102, 54.0447, 61.9967 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

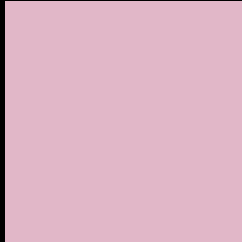
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 58.4102, 54.0447, 61.9967 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

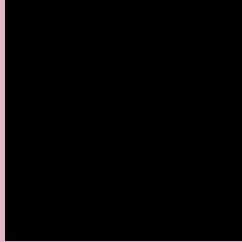
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 58.4102, 54.0447, 61.9967**

## **Background**



This preview shows how black text looks on a background with the XYZ color 58.4102, 54.0447, 61.9967.



This preview shows how white text looks on a background with the XYZ color 58.4102, 54.0447,

61.9967.

# 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

58.4102, 54.0447, 61.9967

### Protanopia

52.4587, 54.0655, 66.0633

### Deuteranopia

55.1560, 53.9388, 61.5370



## Tritanopia

58.1779, 53.9517, 60.7735

# Trichromacy



## Original Color

58.4102, 54.0447, 61.9967

## Protanomaly

54.2735, 53.7340, 64.6379

## Deuteranomaly

56.1866, 53.8403, 61.4637

## Tritanomaly

58.2936, 53.9980, 61.3831

# Monochromacy



## Original Color

58.4102, 54.0447, 61.9967

## Achromatopsia

53.0703, 55.8340, 60.8033

## Achromatomaly

54.7748, 55.0419, 61.1633

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 58.4102, 54.0447, 61.9967 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(225, 183, 200)` looks like.

```
.text, #text, p{  
    color:rgb(225, 183, 200)  
}
```

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(225, 183, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 183, 200) }
```

## Border

The CSS property to change the border of an element to XYZ 58.4102, 54.0447, 61.9967 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(225, 183, 200) }
```



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

```
.border{ border-color:rgb(225, 183, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 183, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 183, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 183, 200);  
box-shadow:4px 4px 4px 4px rgb(225, 183,  
200) }
```

# Background

The CSS property to change the background color of an element to XYZ 58.4102, 54.0447, 61.9967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 183, 200) }
```

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

```
.background{ background-color: rgb(225,  
183, 200) }
```

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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