

Converting Colors

XYZ(59.4443, 57.5151, 63.2241)

Have a look what the booklet for
XYZ(59.4443, 57.5151, 63.2241)
contains.

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Color

**XYZ(59.5165, 57.4459,
63.2097)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC0C9
RGB	222, 192, 201
RGB Percent	87%, 75%, 79%
CMY	0.1294, 0.2470, 0.2118
CMYK	0.00, 0.14, 0.09, 0.13
HSL	342°, 31%, 81%
HSV	342°, 14%, 87%
XYZ	59.5165, 57.4459, 63.2097
YIQ	201.9960, 14.9910, 9.1590

Conversions

Conversions Part 2

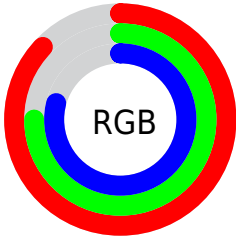
Format	Color
R _{YB}	222, 192, 201
Decimal	14598345
CIE Lab	80.43, 12.12, -0.58
CIE LCh	80, 12.131, 357.243
Yxy	57.4459, 0.3303, 0.3188
Android (android.graphics.Color)	4292788425 (0xFFDEC0C9)
YUV	201.9960, -0.4910, 17.5435
Hunter-Lab	75.7931, 7.5292, 3.6086

Details

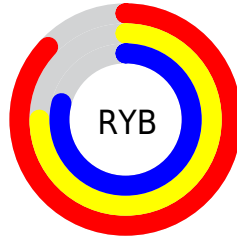
The XYZ color **59.5165, 57.4459, 63.2097** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.8720, 68.2547, 72.9730**, and the grayscale version is **56.1343, 59.0577, 64.3138**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **30.2913, 28.4990, 31.5081** is the 20% darker color. If you saturate the color by 10%, you get **53.2683, 47.7284, 52.5586**, and if you desaturate by 10%, it is **66.6882, 68.7129, 75.0828**.

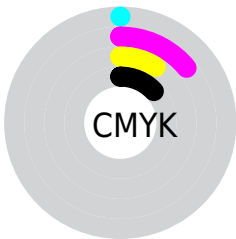
Distribution



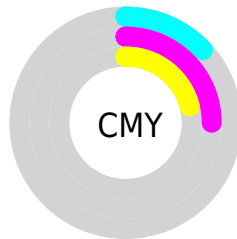
- Red (87%)
- Green (75%)
- Blue (79%)



- Red (87%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (13%)





- Cyan (13%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5165, 57.4459, 63.2097 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 59.5165, 57.4459, 63.2097 by changing the saturation by 10% instead.


 59.5165, 57.4459,
63.2097

 59.5165, 57.4459,
63.2097


412.6767,
415.1181, 454.4590

 43.2770, 41.3633,
45.5688


 103.2383,
101.1155, 111.0605

 30.2980, 28.6031,
31.5595


131.4513,
129.4714, 142.1074

 20.2141, 18.7808,
20.7632


164.3863,
162.6871, 178.4601

 12.6599, 11.5120,
12.7615

202.4084,
201.1472, 220.5372

 7.2702, 6.4123,
7.1357

245.8832,
245.2359, 268.7570

 3.6795, 3.0974,
3.4674

295.1759,

 1.5224, 1.1828,

295.3377, 323.5382

1.3380

350.6520,
351.8369, 385.2994

■ 0.3410, 0.0476,
0.0926

■ 0.0000, 0.0000,
0.0000

■ 59.5165, 57.4459,
63.2097

■ 59.5165, 57.4459,
63.2097

■ 53.2683, 47.7284,
52.5586

■ 66.6882, 68.7129,
75.0828

■ 47.9005, 39.4850,
43.0860

■ 74.8145, 81.5855,
88.2120

■ 43.3736, 32.6453,
34.7512

■ 82.7701, 93.8040,
102.2477

■ 39.6432, 27.1303,
27.5096

■ 83.9346, 94.2698,
108.3798

■ 36.6608, 22.8527,
21.3135

■ 34.3720, 19.7150,
16.1113

■ 32.7147, 17.6048,
11.8466

■ 31.6149, 16.3860,
8.4559

■ 31.1252, 15.9300,
6.6789

Harmonies

Analogous

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



58.7207, 57.4459, 70.2536



59.5165, 57.4459, 63.2097



58.9624, 57.4459, 56.4881

Triad

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



59.5165, 57.4459, 63.2097



52.4412, 57.4459, 51.1483



52.0544, 57.4459, 74.7845

Complementary

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



59.5165, 57.4459, 63.2097



59.8720, 68.2547, 72.9730

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.



50.4594, 57.4459, 69.0283



59.5165, 57.4459, 63.2097



50.6779, 57.4459, 55.4290

Square

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



59.5165, 57.4459, 63.2097



54.8309, 57.4459, 49.8452



49.9631, 57.4459, 61.8926



54.3710, 57.4459, 77.2460

Rectangle

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



59.5165, 57.4459, 63.2097



57.9110, 57.4459, 53.0246



49.9631, 57.4459, 61.8926



51.4188, 57.4459, 73.1503

Sweetspot

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



59.5181, 57.4484, 63.2109



90.7534, 93.2124, 101.9010



59.4770, 57.1220, 76.9990



19.2571, 19.6866, 21.5360



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.



59.5181, 57.4484, 63.2109



79.1247, 74.9694, 82.5662



59.8347, 59.7260, 58.2468



13.8756, 13.7679, 15.1149



18.5305, 9.4792, 4.1935



1.3232, 0.6725, 0.4947

Inverse Universe

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



59.5181, 57.4484, 63.2109



79.1247, 74.9694, 82.5662



59.4809, 65.5939, 78.6340



13.8756, 13.7679, 15.1149



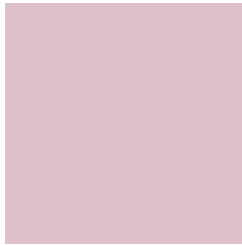
18.5305, 9.4792, 4.1935



1.3232, 0.6725, 0.4947

Previews

White Background



This preview shows how the XYZ color 59.5165, 57.4459, 63.2097 looks on a white background.

Color Contrast Check

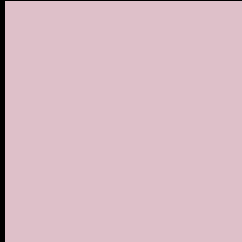
Large Text (above 18pt) WCAG AA × Fail

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 59.5165, 57.4459, 63.2097 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 59.5165, 57.4459, 63.2097

Background



This preview shows how black text looks on a background with the XYZ color 59.5165, 57.4459, 63.2097.



This preview shows how white text looks on a background with the XYZ color 59.5165, 57.4459,

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

59.5165, 57.4459, 63.2097

Protanopia

55.8000, 57.8112, 65.9753

Deuteranopia

58.5260, 57.2624, 63.2264



Tritanopia

60.2028, 57.4058, 66.2999

Trichromacy



Original Color

59.5165, 57.4459, 63.2097

Protanomaly

56.9335, 57.3948, 65.2043

Deuteranomaly

58.8260, 57.4170, 63.2405

Tritanomaly

59.9613, 57.3092, 65.0282

Monochromacy



Original Color

59.5165, 57.4459, 63.2097

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.1492, 58.2077, 64.1002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5165, 57.4459, 63.2097 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, 192, 201)` looks like.

```
.text, #text, p{  
    color:rgb(222, 192, 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(222, 192, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 192, 201) }
```

Border

The CSS property to change the border of an element to XYZ 59.5165, 57.4459, 63.2097 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, 192, 201) }
```


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

```
.border{ border-color:rgb(222, 192, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 192, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 192, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 192, 201);  
box-shadow:4px 4px 4px 4px rgb(222, 192,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5165, 57.4459, 63.2097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 192, 201) }
```

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

```
.background{ background-color: rgb(222,  
192, 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](#).

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