

Converting Colors

XYZ(59.7625, 57.5337, 65.8345)

Have a look what the booklet for
XYZ(59.7625, 57.5337, 65.8345)
contains.

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Color

**XYZ(59.6879, 57.4792,
65.7063)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC0CD
RGB	221, 192, 205
RGB Percent	87%, 75%, 80%
CMY	0.1333, 0.2470, 0.1961
CMYK	0.00, 0.13, 0.07, 0.13
HSL	333°, 30%, 81%
HSV	333°, 13%, 87%
XYZ	59.6879, 57.4792, 65.7063
YIQ	202.1530, 13.1110, 10.1910

Conversions

Conversions Part 2

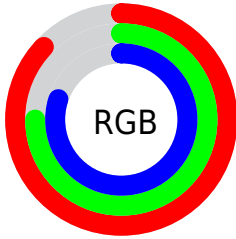
Format	Color
R _Y B	221, 192, 205
Decimal	14532813
CIE Lab	80.45, 12.45, -2.72
CIE LCh	80, 12.741, 347.675
Yxy	57.4792, 0.3264, 0.3143
Android (android.graphics.Color)	4292722893 (0xFFDDC0CD)
YUV	202.1530, 1.4036, 16.5288
Hunter-Lab	75.8150, 7.8537, 1.6859

Details

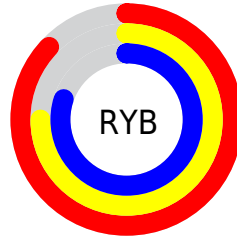
The XYZ color **59.6879, 57.4792, 65.7063** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.9821, 67.4750, 69.5931**, and the grayscale version is **56.2217, 59.1496, 64.4139**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **30.4003, 28.5183, 33.1805** is the 20% darker color. If you saturate the color by 10%, you get **53.7802, 47.9278, 56.7555**, and if you desaturate by 10%, it is **66.4423, 68.5388, 75.5069**.

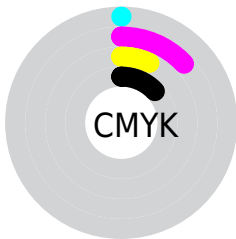
Distribution



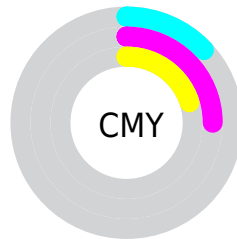
- Red (87%)
- Green (75%)
- Blue (80%)



- Red (87%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (13%)
- Yellow (7%)
- Black (13%)





- Cyan (13%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.6879, 57.4792, 65.7063 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 59.6879, 57.4792, 65.7063 by changing the saturation by 10% instead.

 59.6879, 57.4792,
65.7063

 59.6879, 57.4792,
65.7063


413.2996,
415.2425, 463.7013

 43.4156, 41.3901,
47.5790


 103.4857,
101.1641, 114.6877

 30.4073, 28.6240,
33.1360


131.7420,
129.5286, 146.3789

 20.2975, 18.7966,
21.9587


164.7236,
162.7538, 183.4285

 12.7210, 11.5234,
13.6285

202.7959,
201.2239, 226.2550

 7.3124, 6.4200,
7.7270

246.3243,
245.3235, 275.2770

 3.7063, 3.1021,
3.8355

295.6742,

 1.5374, 1.1853,

295.4369, 330.9130

1.5355

351.2108,
351.9484, 393.5816

■ 0.3510, 0.0496,
0.2442

■ 0.0000, 0.0000,
0.0000

■ 59.6879, 57.4792,
65.7063

■ 59.6879, 57.4792,
65.7063

■ 53.7802, 47.9278,
56.7555

■ 66.4423, 68.5388,
75.5069

■ 48.6792, 39.8113,
48.6261

■ 74.0713, 81.1606,
86.1768

■ 44.3491, 33.0614,
41.2938

■ 81.5440, 93.2783,
97.3852

■ 40.7494, 27.6014,
34.7311

■ 83.4334, 94.0340,
107.3347

■ 37.8354, 23.3469,
28.9088

■ 83.6292, 94.1123,
108.3655

■ 35.5574, 20.2034,
23.7953

■ 33.8585, 18.0618,
19.3560

■ 32.6701, 16.7907,
15.5514

■ 32.0739, 16.2742,
13.2685

Harmonies

Analogous

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



58.4307, 57.4792, 72.7797



59.6879, 57.4792, 65.7063



59.5593, 57.4792, 58.3182

Triad

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



59.6879, 57.4792, 65.7063



53.1213, 57.4792, 49.8548



51.3194, 57.4792, 73.8347

Complementary

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



59.6879, 57.4792, 65.7063



58.9821, 67.4750, 69.5931

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.



49.9847, 57.4792, 67.0551



59.6879, 57.4792, 65.7063



51.0021, 57.4792, 53.3899

Square

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



59.6879, 57.4792, 65.7063



55.7115, 57.4792, 49.5568



49.8705, 57.4792, 59.5643



53.5670, 57.4792, 77.7173

Rectangle

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



59.6879, 57.4792, 65.7063



58.7052, 57.4792, 54.1982



49.8705, 57.4792, 59.5643



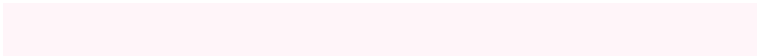
50.7522, 57.4792, 71.7954

Sweetspot

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



59.6895, 57.4817, 65.7075



90.9889, 93.3066, 103.1411



57.9013, 56.3252, 76.2276



19.3166, 19.7104, 21.8493



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.



59.6895, 57.4817, 65.7075



79.9720, 75.3083, 87.0279



58.5049, 57.5198, 57.8911



13.2974, 13.1481, 14.8273



18.6872, 9.4759, 7.9990



1.2536, 0.6311, 0.7446

Inverse Universe

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



59.6895, 57.4817, 65.7075



79.9720, 75.3083, 87.0279



60.2665, 67.3789, 78.2365



13.2974, 13.1481, 14.8273



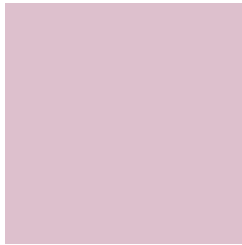
18.6872, 9.4759, 7.9990



1.2536, 0.6311, 0.7446

Previews

White Background



This preview shows how the XYZ color 59.6879, 57.4792, 65.7063 looks on a white background.

Color Contrast Check

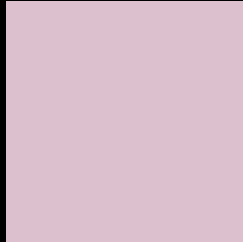
Large Text (above 18pt) WCAG AA × Fail

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 59.6879, 57.4792, 65.7063 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 59.6879, 57.4792, 65.7063

Background



This preview shows how black text looks on a background with the XYZ color 59.6879, 57.4792, 65.7063.



This preview shows how white text looks on a background with the XYZ color 59.6879, 57.4792,

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

59.6879, 57.4792, 65.7063

Protanopia

56.0194, 57.8678, 68.5387

Deuteranopia

58.9265, 57.7431, 65.7974



Tritanopia

59.9309, 57.5764, 66.9861

Trichromacy



Original Color

59.6879, 57.4792, 65.7063

Protanomaly

57.1375, 57.4438, 67.7508

Deuteranomaly

59.0029, 57.4531, 65.7374

Tritanomaly

59.8090, 57.5277, 66.3442

Monochromacy



Original Color

59.6879, 57.4792, 65.7063

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.2681, 58.2553, 64.7260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6879, 57.4792, 65.7063 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(221, 192, 205)` looks like.

```
.text, #text, p{  
    color:rgb(221, 192, 205)  
}
```

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(221, 192, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 192, 205) }
```

Border

The CSS property to change the border of an element to XYZ 59.6879, 57.4792, 65.7063 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(221, 192, 205) }
```


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

```
.border{ border-color:rgb(221, 192, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 192, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 192, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 192, 205);  
box-shadow:4px 4px 4px 4px rgb(221, 192,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6879, 57.4792, 65.7063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 192, 205) }
```

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

```
.background{ background-color: rgb(221,  
192, 205) }
```

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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