

Converting Colors

XYZ(59.1309, 55.4830, 68.0101)

Have a look what the booklet for
XYZ(59.1309, 55.4830, 68.0101)
contains.

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Color

**XYZ(59.0977, 55.5162,
67.9225)**

Conversions

Conversions Part 1

Format	Color
Hex	DDBBD1
RGB	221, 187, 209
RGB Percent	87%, 73%, 82%
CMY	0.1333, 0.2666, 0.1804
CMYK	0.00, 0.15, 0.05, 0.13
HSL	321°, 33%, 80%
HSV	321°, 15%, 87%
XYZ	59.0977, 55.5162, 67.9225
YIQ	199.6740, 13.2020, 14.0500

Conversions

Conversions Part 2

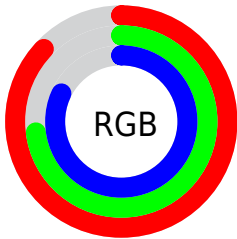
Format	Color
R_{YB}	221, 187, 209
Decimal	14531537
CIE _{Lab}	79.34, 15.82, -6.51
CIE _{LCh}	79, 17.107, 337.619
Yxy	55.5162, 0.3238, 0.3041
Android (android.graphics.Color)	4292721617 (0xFFDDBBD1)
YUV	199.6740, 4.5977, 18.7029
Hunter-Lab	74.5092, 11.1879, -1.8923

Details

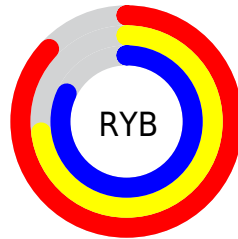
The XYZ color **59.0977, 55.5162, 67.9225** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.6609, 66.4027, 63.8665**, and the grayscale version is **54.6675, 57.5145, 62.6333**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **30.1674, 27.5237, 34.7330** is the 20% darker color. If you saturate the color by 10%, you get **53.8233, 46.4748, 61.5157**, and if you desaturate by 10%, it is **65.1441, 66.0244, 74.8213**.

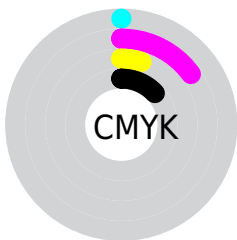
Distribution



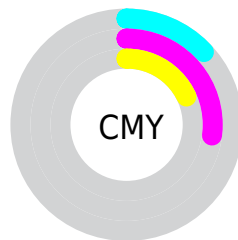
- Red (87%)
- Green (73%)
- Blue (82%)



- Red (87%)
- Yellow (73%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (13%)




- Cyan (13%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0977, 55.5162, 67.9225 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 59.0977, 55.5162, 67.9225 by changing the saturation by 10% instead.


 59.0977, 55.5162,
67.9225

 59.0977, 55.5162,
67.9225


411.1521,
407.8657, 471.8120

 42.9384, 39.8152,
49.3684


 102.6335, 98.2969,
117.8944

 30.0311, 27.3945,
34.5441


130.7407,
126.1453, 150.1493

 20.0104, 17.8697,
23.0312

163.5613,
158.8116, 187.8083

 12.5109, 10.8565,
14.4110

201.4606,
196.6802, 231.2897

 7.1673, 5.9704,
8.2651

244.8040,
240.1355, 281.0123

 3.6142, 2.8271,
4.1748

293.9568,

 1.4863, 1.0421,

289.5620, 337.3945

1.7217

349.2844,
345.3439, 400.8549

■ 0.3165, 0.0000,
0.3756

■ 0.0000, 0.0000,
0.0000

■ 59.0977, 55.5162,
67.9225

■ 59.0977, 55.5162,
67.9225

■ 53.8233, 46.4748,
61.5157

■ 65.1441, 66.0244,
74.8213

■ 49.2826, 38.8268,
55.5829

■ 71.9890, 78.0537,
82.2222

■ 45.4410, 32.5035,
50.1097

■ 79.6639, 91.6651,
90.1395

■ 42.2592, 27.4275,
45.0798

■ 81.3378, 93.1958,
96.2993

■ 39.6939, 23.5132,
40.4750

■ 82.5233, 93.6700,
102.5422

■ 37.6962, 20.6641,
36.2755

■ 83.6291, 94.1123,
108.3655

■ 36.2096, 18.7681,
32.4588

■ 35.1645, 17.6877,
28.9977

■ 34.7765, 17.3553,
27.5005

Harmonies

Analogous

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



56.8922, 55.5162, 76.6633



59.0977, 55.5162, 67.9225



59.5716, 55.5162, 57.9797

Triad

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



59.0977, 55.5162, 67.9225



51.8975, 55.5162, 43.6043



47.7168, 55.5162, 72.7156

Complementary

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



59.0977, 55.5162, 67.9225



56.6609, 66.4027, 63.8665

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.



46.5004, 55.5162, 62.9848



59.0977, 55.5162, 67.9225



48.8452, 55.5162, 46.6969

Square

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



59.0977, 55.5162, 67.9225



55.3157, 55.5162, 44.6216



46.9044, 55.5162, 53.5425



50.2968, 55.5162, 79.6328

Rectangle

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



59.0977, 55.5162, 67.9225



58.8236, 55.5162, 52.1135



46.9044, 55.5162, 53.5425



47.1401, 55.5162, 69.6262

Sweetspot

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



59.0993, 55.5186, 67.9237



90.4004, 91.8467, 103.8173



54.3503, 52.8923, 75.7521



19.2144, 19.4230, 22.0713



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.



59.0993, 55.5186, 67.9237



79.6152, 73.1301, 91.4245



57.1165, 54.7255, 57.4826



13.4091, 13.1927, 15.4154



20.2576, 10.1041, 16.2683



1.3527, 0.6707, 1.2664

Inverse Universe

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



59.0993, 55.5186, 67.9237



79.6152, 73.1301, 91.4245



58.7335, 67.2317, 74.7806



13.4091, 13.1927, 15.4154



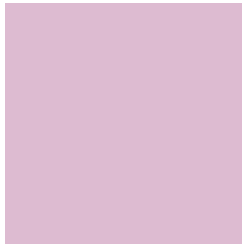
20.2576, 10.1041, 16.2683



1.3527, 0.6707, 1.2664

Previews

White Background



This preview shows how the XYZ color 59.0977, 55.5162, 67.9225 looks on a white background.

Color Contrast Check

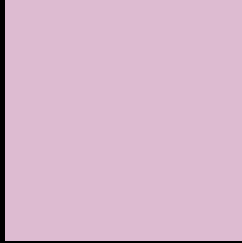
Large Text (above 18pt) WCAG AA × Fail

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 59.0977, 55.5162, 67.9225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

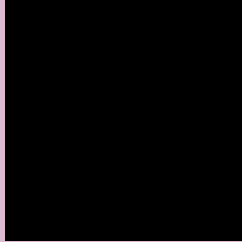
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0977, 55.5162, 67.9225

Background



This preview shows how black text looks on a background with the XYZ color 59.0977, 55.5162, 67.9225.



This preview shows how white text looks on a background with the XYZ color 59.0977, 55.5162,

67.9225.

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

59.0977, 55.5162, 67.9225

Protanopia

54.1584, 55.4874, 71.4740

Deuteranopia

56.8799, 55.6646, 67.4209



Tritanopia

58.2779, 55.4939, 64.1397

Trichromacy



Original Color

59.0977, 55.5162, 67.9225

Protanomaly

55.6351, 55.2901, 70.0271

Deuteranomaly

57.8230, 55.8281, 67.4028

Tritanomaly

58.5179, 55.5899, 65.4033

Monochromacy



Original Color

59.0977, 55.5162, 67.9225

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.3070, 56.7519, 64.4864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0977, 55.5162, 67.9225 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, 187, 209)` looks like.

```
.text, #text, p{  
    color:rgb(221, 187, 209)  
}
```

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, 187, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 187, 209) }
```

Border

The CSS property to change the border of an element to XYZ 59.0977, 55.5162, 67.9225 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, 187, 209) }
```


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

```
.border{ border-color:rgb(221, 187, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 187, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 187, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 187, 209);  
box-shadow:4px 4px 4px 4px rgb(221, 187,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0977, 55.5162, 67.9225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 187, 209) }
```

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

```
.background{ background-color: rgb(221,  
187, 209) }
```

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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