

Converting Colors

XYZ(59.5383, 55.0890, 69.1233)

Have a look what the booklet for
XYZ(59.5383, 55.0890, 69.1233)
contains.

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Color

**XYZ(59.5383, 55.0890,
69.1233)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB9D3
RGB	223, 185, 211
RGB Percent	87%, 73%, 83%
CMY	0.1255, 0.2745, 0.1725
CMYK	0.00, 0.17, 0.05, 0.13
HSL	319°, 37%, 80%
HSV	319°, 17%, 87%
XYZ	59.5383, 55.0890, 69.1233
YIQ	199.3260, 14.3020, 16.1420

Conversions

Conversions Part 2

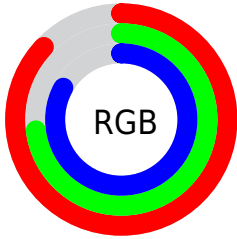
Format	Color
R_{YB}	223, 185, 211
Decimal	14662099
CIE _{Lab}	79.09, 17.93, -7.94
CIE _{LCh}	79, 19.612, 336.125
Yxy	55.0890, 0.3240, 0.2998
Android (android.graphics.Color)	4292852179 (0xFFDFB9D3)
YUV	199.3260, 5.7553, 20.7621
Hunter-Lab	74.2220, 13.2981, -3.2617

Details

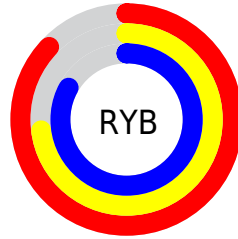
The XYZ color **59.5383, 55.0890, 69.1233** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.4755, 67.1225, 62.8058**, and the grayscale version is **54.4467, 57.2822, 62.3803**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **30.4005, 27.2277, 35.1057** is the 20% darker color. If you saturate the color by 10%, you get **54.3708, 46.1355, 63.1400**, and if you desaturate by 10%, it is **65.4794, 65.5261, 75.5567**.

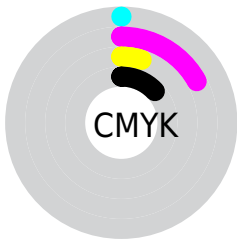
Distribution



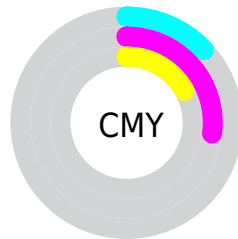
- Red (87%)
- Green (73%)
- Blue (83%)



- Red (87%)
- Yellow (73%)
- Blue (83%)



- Cyan (0%)
- Magenta (17%)
- Yellow (5%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5383, 55.0890, 69.1233 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 59.5383, 55.0890, 69.1233 by changing the saturation by 10% instead.


 59.5383, 55.0890,
69.1233

 59.5383, 55.0890,
69.1233

412.7559,
406.2492, 476.1714

 43.2946, 39.4730,
50.3398

 103.2698, 97.6713,
119.6270

 30.3119, 27.1279,
35.3104


131.4883,
125.4065, 152.1843

 20.2247, 17.6693,
23.6166


164.4292,
157.9501, 190.1699

 12.6677, 10.7128,
14.8399

202.4577,
195.6865, 234.0023

 7.2755, 5.8741,
8.5617

245.9393,
239.0003, 284.1001

 3.6829, 2.7687,
4.3635

295.2393,

 1.5243, 1.0122,

288.2757, 340.8819

1.8268

350.7231,
343.8972, 404.7662

■ 0.3423, 0.0000,
0.4456

■ 0.0000, 0.0000,
0.0000

■ 59.5383, 55.0890,
69.1233

■ 59.5383, 55.0890,
69.1233

■ 54.3708, 46.1355,
63.1400

■ 65.4794, 65.5261,
75.5567

■ 49.9376, 38.5902,
57.5892

■ 72.2215, 77.5034,
82.4496

■ 46.2030, 32.3818,
52.4574

■ 79.7965, 91.0832,
89.8159

■ 43.1264, 27.4301,
47.7284

■ 81.7974, 93.4504,
95.5219

40.6631, 23.6460,
43.3847

82.8596, 93.8753,
101.1151

38.7620, 20.9287,
39.4068

83.9627, 94.3166,
106.9243

37.3639, 19.1602,
35.7722

84.2419, 94.4282,
108.3942

36.3913, 18.1866,
32.4523

36.1464, 17.9740,
31.5164

Harmonies

Analogous

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



56.9176, 55.0890, 79.1030



59.5383, 55.0890, 69.1233



60.1946, 55.0890, 57.7151

Triad

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



59.5383, 55.0890, 69.1233



51.5626, 55.0890, 41.0250



46.5212, 55.0890, 73.5885

Complementary

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



59.5383, 55.0890, 69.1233



56.4755, 67.1225, 62.8058

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.



45.2373, 55.0890, 62.3086



59.5383, 55.0890, 69.1233



48.0533, 55.0890, 44.2218

Square

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



59.5383, 55.0890, 69.1233



55.4618, 55.0890, 42.3739



45.7840, 55.0890, 51.6854



49.3769, 55.0890, 81.8971

Rectangle

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



59.5383, 55.0890, 69.1233



59.4025, 55.0890, 50.9949



45.7840, 55.0890, 51.6854



45.8981, 55.0890, 69.9686

Sweetspot

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



59.5399, 55.0914, 69.1245



90.4750, 91.8765, 104.2101



53.5396, 51.8178, 76.9931



19.2325, 19.4302, 22.1669



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.



59.5399, 55.0914, 69.1245



78.3970, 70.6714, 91.0875



57.3634, 54.2208, 57.6632



14.1012, 13.8581, 16.3029



21.3065, 10.5896, 18.8118



1.5169, 0.7500, 1.5146

Inverse Universe

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



59.5399, 55.0914, 69.1245



78.3970, 70.6714, 91.0875



58.7143, 68.0180, 74.5955



14.1012, 13.8581, 16.3029



21.3065, 10.5896, 18.8118



1.5169, 0.7500, 1.5146

Previews

White Background



This preview shows how the XYZ color 59.5383, 55.0890, 69.1233 looks on a white background.

Color Contrast Check

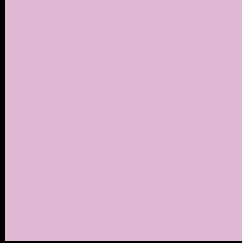
Large Text (above 18pt) WCAG AA × Fail

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 59.5383, 55.0890, 69.1233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

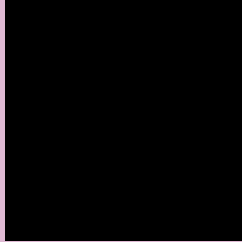
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5383, 55.0890, 69.1233

Background



This preview shows how black text looks on a background with the XYZ color 59.5383, 55.0890, 69.1233.



This preview shows how white text looks on a background with the XYZ color 59.5383, 55.0890,

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

59.5383, 55.0890, 69.1233

Protanopia

54.0318, 55.3774, 73.4868

Deuteranopia

56.3408, 55.0354, 68.6262



Tritanopia

58.4371, 55.2873, 62.8499

Trichromacy



Original Color

59.5383, 55.0890, 69.1233

Protanomaly

55.7984, 55.0053, 71.9662

Deuteranomaly

57.3476, 54.9157, 68.5500

Tritanomaly

58.7026, 55.0552, 65.2904

Monochromacy



Original Color

59.5383, 55.0890, 69.1233

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.0837, 56.3053, 64.4120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5383, 55.0890, 69.1233 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(223, 185, 211)` looks like.

```
.text, #text, p{  
    color:rgb(223, 185, 211)  
}
```

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(223, 185, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 185, 211) }
```

Border

The CSS property to change the border of an element to XYZ 59.5383, 55.0890, 69.1233 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(223, 185, 211) }
```


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

```
.border{ border-color:rgb(223, 185, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 185, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 185, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 185, 211);  
box-shadow:4px 4px 4px 4px rgb(223, 185,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5383, 55.0890, 69.1233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 185, 211) }
```

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

```
.background{ background-color: rgb(223,  
185, 211) }
```

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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