

Converting Colors

XYZ(59.9624, 56.6132, 69.8939)

Have a look what the booklet for
XYZ(59.9624, 56.6132, 69.8939)
contains.

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Color

**XYZ(59.9001, 56.5208,
70.0399)**

Conversions

Conversions Part 1

Format	Color
Hex	DDBDD4
RGB	221, 189, 212
RGB Percent	87%, 74%, 83%
CMY	0.1333, 0.2588, 0.1686
CMYK	0.00, 0.14, 0.04, 0.13
HSL	317°, 32%, 80%
HSV	317°, 14%, 87%
XYZ	59.9001, 56.5208, 70.0399
YIQ	201.1900, 11.6890, 13.9370

Conversions

Conversions Part 2

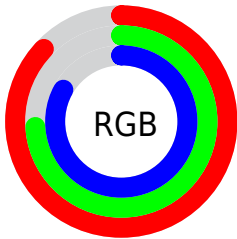
Format	Color
R _Y B	221, 189, 212
Decimal	14532052
CIE Lab	79.91, 15.28, -7.29
CIE LCh	80, 16.926, 334.504
Yxy	56.5208, 0.3212, 0.3031
Android (android.graphics.Color)	4292722132 (0xFFDDBDD4)
YUV	201.1900, 5.3293, 17.3734
Hunter-Lab	75.1803, 10.6548, -2.6099

Details

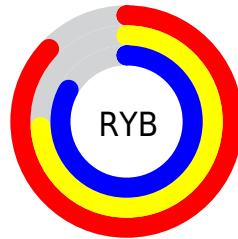
The XYZ color **59.9001, 56.5208, 70.0399** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.0380, 66.6106, 63.2802**, and the grayscale version is **55.5994, 58.4949, 63.7010**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **30.6158, 28.1496, 35.7181** is the 20% darker color. If you saturate the color by 10%, you get **54.7350, 47.4208, 64.5238**, and if you desaturate by 10%, it is **65.8231, 67.0866, 75.9589**.

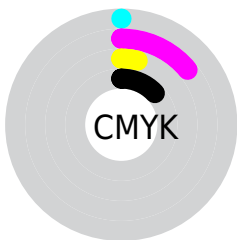
Distribution



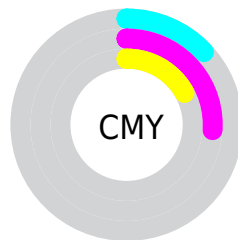
- Red (87%)
- Green (74%)
- Blue (83%)



- Red (87%)
- Yellow (74%)
- Blue (83%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (13%)





- Cyan (13%)
- Magenta (26%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9001, 56.5208, 70.0399 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 59.9001, 56.5208, 70.0399 by changing the saturation by 10% instead.


 59.9001, 56.5208,
70.0399

 59.9001, 56.5208,
70.0399


414.0701,
411.6512, 479.4830

 43.5873, 40.6206,
51.0821


 103.7919, 99.7656,
120.9473

 30.5427, 28.0228,
35.8967


132.1016,
127.8791, 153.7339

 20.4010, 18.3428,
24.0654


165.1409,
160.8324, 191.9673

 12.7968, 11.1964,
15.1695

203.2753,
199.0101, 236.0658

 7.3648, 6.1991,
8.7905

246.8701,
242.7964, 286.4481

 3.7396, 2.9665,
4.5098

296.2905,

 1.5559, 1.1143,

292.5757, 343.5327

1.9090

351.9021,
348.7326, 407.7382

■ 0.3634, 0.0000,
0.4984

■ 0.0000, 0.0000,
0.0000

■ 59.9001, 56.5208,
70.0399

■ 59.9001, 56.5208,
70.0399

■ 54.7350, 47.4208,
64.5238

■ 65.8231, 67.0866,
75.9589

■ 50.2898, 39.7135,
59.3943

■ 72.5299, 79.1720,
82.2892

■ 46.5305, 33.3311,
54.6392

■ 79.9538, 92.6422,
89.0107

■ 43.4187, 28.1968,
50.2438

■ 80.8459, 92.9991,
93.7087

40.9118, 24.2260,
46.1922

81.7696, 93.3685,
98.5726

38.9617, 21.3235,
42.4666

82.7250, 93.7507,
103.6039

37.5132, 19.3792,
39.0469

83.6292, 94.1124,
108.3655

36.4988, 18.2585,
35.9086

36.0631, 17.8699,
34.2750

Harmonies

Analogous

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



57.5465, 56.5208, 78.4657



59.9001, 56.5208, 70.0399



60.5717, 56.5208, 60.0696

Triad

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



59.9001, 56.5208, 70.0399



53.2049, 56.5208, 44.5591



48.4649, 56.5208, 72.8790

Complementary

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



59.9001, 56.5208, 70.0399



57.0380, 66.6106, 63.2802

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.



47.4080, 56.5208, 63.0374



59.9001, 56.5208, 70.0399



50.0695, 56.5208, 47.2447

Square

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



59.9001, 56.5208, 70.0399



56.6121, 56.5208, 46.0115



47.9828, 56.5208, 53.7600



50.9307, 56.5208, 80.2234

Rectangle

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



59.9001, 56.5208, 70.0399



59.9521, 56.5208, 54.0317



47.9828, 56.5208, 53.7600



47.9380, 56.5208, 69.7169

Sweetspot

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



59.9017, 56.5233, 70.0411



91.4234, 93.4804, 105.4292



54.4170, 53.5609, 75.8778



19.4266, 19.7545, 22.4287



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.



59.9017, 56.5233, 70.0411



80.8445, 74.6315, 94.7850



58.0354, 55.7767, 60.2132



13.4500, 13.2091, 15.6311



20.9999, 10.4010, 20.1773



1.3966, 0.6883, 1.4973

Inverse Universe

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



59.9017, 56.5233, 70.0411



80.8445, 74.6315, 94.7850



58.9227, 67.3645, 73.2049



13.4500, 13.2091, 15.6311



20.9999, 10.4010, 20.1773



1.3966, 0.6883, 1.4973

Previews

White Background



This preview shows how the XYZ color 59.9001, 56.5208, 70.0399 looks on a white background.

Color Contrast Check

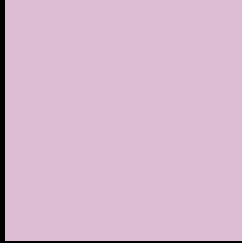
Large Text (above 18pt) WCAG AA × Fail

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 59.9001, 56.5208, 70.0399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

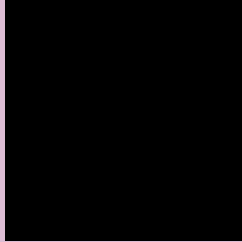
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9001, 56.5208, 70.0399

Background



This preview shows how black text looks on a background with the XYZ color 59.9001, 56.5208, 70.0399.



This preview shows how white text looks on a background with the XYZ color 59.9001, 56.5208,

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

59.9001, 56.5208, 70.0399

Protanopia

55.2556, 56.6780, 73.6733

Deuteranopia

57.9792, 56.8401, 69.5434



Tritanopia

58.9481, 56.4503, 65.5467

Trichromacy



Original Color

59.9001, 56.5208, 70.0399

Protanomaly

56.7344, 56.4690, 72.1994

Deuteranomaly

58.6318, 56.8495, 69.5108

Tritanomaly

59.3138, 56.5966, 67.4726

Monochromacy



Original Color

59.9001, 56.5208, 70.0399

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.9981, 57.7502, 65.9004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9001, 56.5208, 70.0399 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, 189, 212)` looks like.

```
.text, #text, p{  
    color:rgb(221, 189, 212)  
}
```

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, 189, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 189, 212) }
```

Border

The CSS property to change the border of an element to XYZ 59.9001, 56.5208, 70.0399 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, 189, 212) }
```


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

```
.border{ border-color:rgb(221, 189, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 189, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 189, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 189, 212);  
box-shadow:4px 4px 4px 4px rgb(221, 189,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9001, 56.5208, 70.0399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 189, 212) }
```

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

```
.background{ background-color: rgb(221,  
189, 212) }
```

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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