

Converting Colors

XYZ(63.6058, 49.3866, 68.0961)

Have a look what the booklet for
XYZ(63.6058, 49.3866, 68.0961)
contains.

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Color

**XYZ(63.5985, 49.3263,
67.7969)**

Conversions

Conversions Part 1

Format	Color
Hex	FB9DD3
RGB	251, 157, 211
RGB Percent	98%, 62%, 83%
CMY	0.0157, 0.3843, 0.1725
CMYK	0.00, 0.37, 0.16, 0.02
HSL	326°, 92%, 80%
HSV	326°, 37%, 98%
XYZ	63.5985, 49.3263, 67.7969
YIQ	191.2620, 38.6900, 36.7220

Conversions

Conversions Part 2

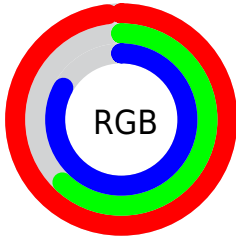
Format	Color
R _Y B	251, 157, 211
Decimal	16489939
CIE Lab	75.65, 42.27, -12.76
CIE LCh	76, 44.151, 343.202
Yxy	49.3263, 0.3519, 0.2729
Android (android.graphics.Color)	4294680019 (0xFFFB9DD3)
YUV	191.2620, 9.7308, 52.3902
Hunter-Lab	70.2327, 38.7317, -8.0708

Details

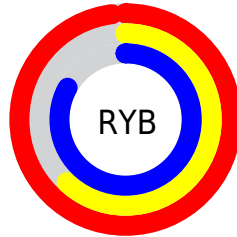
The XYZ color **63.5985, 49.3263, 67.7969** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.4820, 80.1951, 65.2239**, and the grayscale version is **49.6041, 52.1874, 56.8321**.

A 20% lighter version of the original color is **83.0842, 76.0685, 104.9114**, and **32.9434, 23.6384, 34.2788** is the 20% darker color. If you saturate the color by 10%, you get **58.4852, 41.1715, 59.7039**, and if you desaturate by 10%, it is **69.6760, 59.2657, 76.6514**.

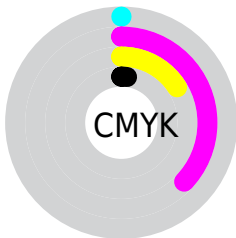
Distribution



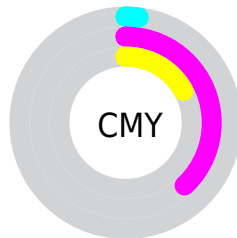
- Red (98%)
- Green (62%)
- Blue (83%)



- Red (98%)
- Yellow (62%)
- Blue (83%)



- Cyan (0%)
- Magenta (37%)
- Yellow (16%)
- Black (2%)




- Cyan (2%)
- Magenta (38%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5985, 49.3263, 67.7969 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 63.5985, 49.3263, 67.7969 by changing the saturation by 10% instead.


 63.5985, 49.3263,
67.7969


 63.5985, 49.3263,
67.7969


427.3635,
384.0255, 471.3546

 46.5860, 34.8784,
49.2669

 109.1095, 89.1759,
117.7130

 32.9151, 23.5692,
34.4641

 138.3387,
115.3464, 149.9362

 22.2203, 15.0144,
22.9701


172.3709,
146.1931, 187.5608

 14.1364, 8.8295,
14.3664

211.5714,
182.1006, 231.0054

 8.2979, 4.6301,
8.2343

256.3055,
223.4532, 280.6885

 4.3396, 2.0319,
4.1553

306.9387,

 1.8960, 0.6259,

270.6353, 337.0288

1.7109

363.8362,
324.0312, 400.4446

■ 0.5745, 0.0000,
0.3682

■ 0.0000, 0.0000,
0.0000

■ 63.5985, 49.3263,
67.7969

■ 63.5985, 49.3263,
67.7969

■ 58.4852, 41.1715,
59.7039

■ 69.6760, 59.2657,
76.6514

■ 54.2762, 34.6863,
52.3424

■ 76.7640, 71.0820,
86.2895

■ 50.9114, 29.7526,
45.6843

■ 84.9114, 84.8691,
96.7360

■ 48.3212, 26.2342,
39.6972

■ 93.3896, 99.1677,
107.7558

■ 46.4239, 23.9706,
34.3446

■ 93.5940, 99.2494,
108.8319

■ 45.1131, 22.7523,
29.5815

■ 44.8323, 22.5287,
28.4458

Harmonies

Analogous

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



58.4879, 49.3263, 93.6602



63.5985, 49.3263, 67.7969



63.9119, 49.3263, 44.0690

Triad

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



63.5985, 49.3263, 67.7969



43.3842, 49.3263, 20.7211



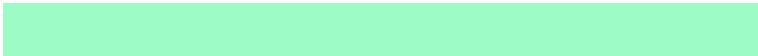
36.3331, 49.3263, 90.7954

Complementary

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



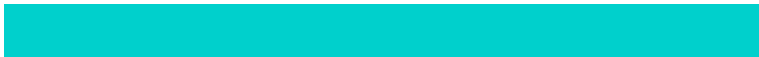
63.5985, 49.3263, 67.7969



58.4820, 80.1951, 65.2239

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.



33.1846, 49.3263, 64.6589



63.5985, 49.3263, 67.7969



36.9249, 49.3263, 27.1223

Square

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



63.5985, 49.3263, 67.7969



51.5742, 49.3263, 21.1111



33.3878, 49.3263, 41.7201



42.4855, 49.3263, 109.3589

Rectangle

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



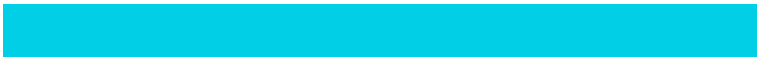
63.5985, 49.3263, 67.7969



61.3040, 49.3263, 32.6362



33.3878, 49.3263, 41.7201



34.9222, 49.3263, 82.3225

Sweetspot

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



63.6000, 49.3286, 67.7979



84.8826, 82.6457, 96.3225



52.2801, 42.8398, 96.7809



17.9206, 17.2700, 20.3006



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.



63.6000, 49.3286, 67.7979



61.8156, 44.5537, 63.8410



58.6189, 47.3362, 41.5678



17.6626, 17.3924, 20.0788



23.6399, 11.8717, 15.3441



2.2425, 1.1207, 1.7004

Inverse Universe

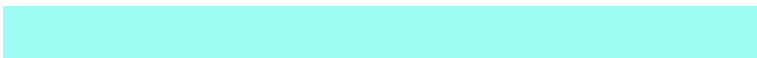
The Inverse Universe completely reimagines the original color for something new.



63.6000, 49.3286, 67.7979



61.8156, 44.5537, 63.8410



64.6063, 82.6448, 97.4740



17.6626, 17.3924, 20.0788



23.6399, 11.8717, 15.3441



2.2425, 1.1207, 1.7004

Previews

White Background



This preview shows how the XYZ color 63.5985, 49.3263, 67.7969 looks on a white background.

Color Contrast Check

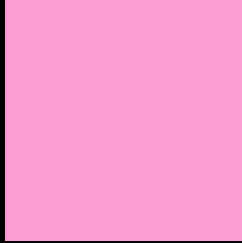
Large Text (above 18pt) WCAG AA × Fail

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 63.5985, 49.3263, 67.7969 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 63.5985, 49.3263, 67.7969

Background



This preview shows how black text looks on a background with the XYZ color 63.5985, 49.3263, 67.7969.



This preview shows how white text looks on a background with the XYZ color 63.5985, 49.3263,

67.7969.

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

63.5985, 49.3263, 67.7969

Protanopia

49.7634, 49.7582, 81.8444

Deuteranopia

50.7554, 49.6967, 65.9488



Tritanopia

59.4697, 49.4597, 47.4866

Trichromacy



Original Color

63.5985, 49.3263, 67.7969



Protanomaly

53.5511, 48.8250, 76.4138



Deuteranomaly

54.6476, 49.0401, 66.2600



Tritanomaly

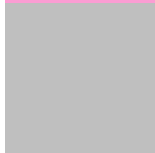
60.6416, 49.1203, 54.4291

Monochromacy



Original Color

63.5985, 49.3263, 67.7969



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

53.7537, 50.4636, 60.3334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5985, 49.3263, 67.7969 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(251, 157, 211)` looks like.

```
.text, #text, p{  
    color:rgb(251, 157, 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(251, 157, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 157, 211) }
```

Border

The CSS property to change the border of an element to XYZ 63.5985, 49.3263, 67.7969 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(251, 157, 211) }
```


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

```
.border{ border-color:rgb(251, 157, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 157, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 157, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 157, 211);  
box-shadow:4px 4px 4px 4px rgb(251, 157,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5985, 49.3263, 67.7969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 157, 211) }
```

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

```
.background{ background-color: rgb(251,  
157, 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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