

Converting Colors

XYZ(67.3500, 61.7271, 67.4930)

Have a look what the booklet for
XYZ(67.3500, 61.7271, 67.4930)
contains.

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Color

**XYZ(67.2946, 61.6996,
67.3939)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C1CF
RGB	243, 193, 207
RGB Percent	95%, 76%, 81%
CMY	0.0471, 0.2431, 0.1882
CMYK	0.00, 0.21, 0.15, 0.05
HSL	343°, 68%, 85%
HSV	343°, 21%, 95%
XYZ	67.2946, 61.6996, 67.3939
YIQ	209.5460, 25.3060, 14.9540

Conversions

Conversions Part 2

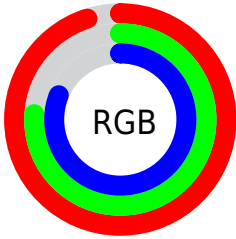
Format	Color
R _Y B	243, 193, 207
Decimal	15974863
CIE Lab	82.75, 19.98, -0.18
CIE LCh	83, 19.979, 359.483
Yxy	61.6996, 0.3427, 0.3142
Android (android.graphics.Color)	4294164943 (0xFFFF3C1CF)
YUV	209.5460, -1.2552, 29.3392
Hunter-Lab	78.5491, 15.4637, 4.1145

Details

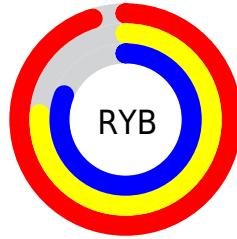
The XYZ color **67.2946, 61.6996, 67.3939** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.1882, 81.0974, 86.1921**, and the grayscale version is **60.9588, 64.1335, 69.8413**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **35.2321, 31.2042, 34.3031** is the 20% darker color. If you saturate the color by 10%, you get **60.3358, 51.0174, 55.0986**, and if you desaturate by 10%, it is **75.3765, 74.2473, 81.2347**.

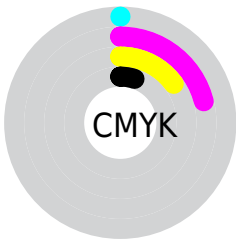
Distribution



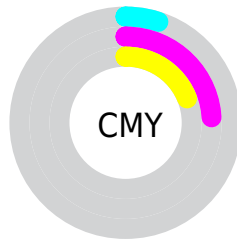
- Red (95%)
- Green (76%)
- Blue (81%)



- Red (95%)
- Yellow (76%)
- Blue (81%)



- Cyan (0%)
- Magenta (21%)
- Yellow (15%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2946, 61.6996, 67.3939 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 67.2946, 61.6996, 67.3939 by changing the saturation by 10% instead.


 67.2946, 61.6996,
67.3939

 67.2946, 61.6996,
67.3939


440.4087,
430.8345, 469.8852

 49.5957, 44.7900,
48.9412


 114.3899,
107.2913, 117.1306

 35.3087, 31.2921,
34.2076


144.5170,
136.7421, 149.2518

 24.0684, 20.8213,
22.7745


179.5175,
171.1422, 186.7661

 15.5094, 12.9935,
14.2233

219.7567,
210.8758, 230.0923

 9.2663, 7.4241,
8.1356

265.6001,
256.3275, 279.6487

 4.9738, 3.7287,
4.0928

317.4130,

 2.2665, 1.5230,

307.8816, 335.8539

1.6764

375.5608,
365.9224, 399.1266

■ 0.7774, 0.3048,
0.3445

■ 0.0000, 0.0000,
0.0000

■ 67.2946, 61.6996,
67.3939

■ 67.2946, 61.6996,
67.3939

■ 60.3358, 51.0174,
55.0986

■ 75.3765, 74.2473,
81.2347

■ 54.4442, 42.1033,
44.2901

■ 84.6239, 88.7354,
96.6691

■ 49.5668, 34.8633,
34.9113

■ 90.7724, 97.7948,
108.6998

■ 45.6437, 29.1916,
26.8999

■ 42.6087, 24.9702,
20.1889

■ 40.3863, 22.0639,
14.7047

■ 38.8876, 20.3121,
10.3654

■ 38.0066, 19.4725,
7.2283

Harmonies

Analogous

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



66.0490, 61.6996, 79.9191



67.2946, 61.6996, 67.3939



66.1296, 61.6996, 56.2001

Triad

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



67.2946, 61.6996, 67.3939



54.6726, 61.6996, 48.6248



54.5496, 61.6996, 89.6828

Complementary

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



67.2946, 61.6996, 67.3939



68.1882, 81.0974, 86.1921

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.



51.7450, 61.6996, 79.5050



67.2946, 61.6996, 67.3939



51.8136, 61.6996, 55.8728

Square

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



67.2946, 61.6996, 67.3939



58.7181, 61.6996, 46.1983



50.7678, 61.6996, 66.9673



58.5692, 61.6996, 93.7122

Rectangle

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



67.2946, 61.6996, 67.3939



64.1737, 61.6996, 50.7578



50.7678, 61.6996, 66.9673



53.4408, 61.6996, 86.8105

Sweetspot

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



67.2963, 61.7024, 67.3952



88.6384, 89.9343, 98.2618



67.5097, 61.2446, 93.0579



18.8291, 19.0255, 20.7927



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.



67.2963, 61.7024, 67.3952



71.4459, 63.2390, 68.8247



68.1431, 66.0141, 59.6059



16.6898, 16.5588, 18.1130



20.9085, 10.7068, 4.2265



1.8796, 0.9578, 0.5926

Inverse Universe

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



67.2963, 61.7024, 67.3952



71.4459, 63.2390, 68.8247



67.0757, 75.6175, 95.8551



16.6898, 16.5588, 18.1130



20.9085, 10.7068, 4.2265



1.8796, 0.9578, 0.5926

Previews

White Background



This preview shows how the XYZ color 67.2946, 61.6996, 67.3939 looks on a white background.

Color Contrast Check

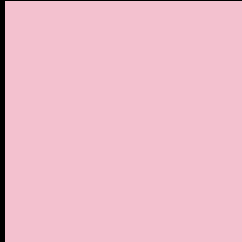
Large Text (above 18pt) WCAG AA × Fail

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 67.2946, 61.6996, 67.3939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

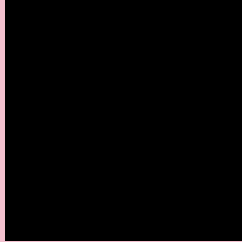
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2946, 61.6996, 67.3939

Background



This preview shows how black text looks on a background with the XYZ color 67.2946, 61.6996, 67.3939.



This preview shows how white text looks on a background with the XYZ color 67.2946, 61.6996,

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

67.2946, 61.6996, 67.3939

Protanopia

59.9813, 61.9276, 72.4102

Deuteranopia

63.1589, 61.9335, 67.0181



Tritanopia

67.4173, 61.7487, 68.0399

Trichromacy



Original Color

67.2946, 61.6996, 67.3939

Protanomaly

62.4633, 61.8486, 70.2738

Deuteranomaly

64.3855, 61.5445, 66.8783

Tritanomaly

67.4173, 61.7487, 68.0399

Monochromacy



Original Color

67.2946, 61.6996, 67.3939

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.2257, 63.3188, 69.2110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2946, 61.6996, 67.3939 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(243, 193, 207) looks like.

```
.text, #text, p{  
    color:rgb(243, 193, 207)  
}
```

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(243, 193, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 193, 207) }
```

Border

The CSS property to change the border of an element to XYZ 67.2946, 61.6996, 67.3939 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(243, 193, 207) }
```


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

```
.border{ border-color:rgb(243, 193, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 193, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 193, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 193, 207);  
box-shadow:4px 4px 4px 4px rgb(243, 193,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2946, 61.6996, 67.3939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 193, 207) }
```

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

```
.background{ background-color: rgb(243,  
193, 207) }
```

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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