

Converting Colors

XYZ(70.0644, 67.5711, 60.0258)

Have a look what the booklet for
XYZ(70.0644, 67.5711, 60.0258)
contains.

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Color

**XYZ(69.8147, 67.2871,
59.7601)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CDC1
RGB	247, 205, 193
RGB Percent	97%, 80%, 76%
CMY	0.0314, 0.1961, 0.2431
CMYK	0.00, 0.17, 0.22, 0.03
HSL	13°, 77%, 86%
HSV	13°, 22%, 97%
XYZ	69.8147, 67.2871, 59.7601
YIQ	216.1900, 28.8840, 5.1720

Conversions

Conversions Part 2

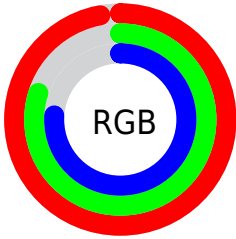
Format	Color
R _Y B	247, 208, 193
Decimal	16240065
CIE Lab	85.65, 12.99, 11.51
CIE LCh	86, 17.356, 41.527
Yxy	67.2871, 0.3546, 0.3418
Android (android.graphics.Color)	4294430145 (0xFFF7CDC1)
YUV	216.1900, -11.4327, 27.0204
Hunter-Lab	82.0287, 8.3712, 14.2258

Details

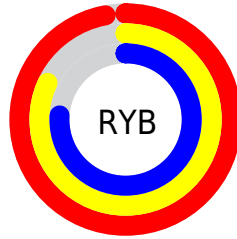
The XYZ color **69.8147, 67.2871, 59.7601** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.4883, 77.4672, 99.3389**, and the grayscale version is **65.4630, 68.8721, 75.0018**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **36.9620, 34.9444, 29.2229** is the 20% darker color. If you saturate the color by 10%, you get **62.9702, 57.6451, 45.0009**, and if you desaturate by 10%, it is **77.6872, 78.2476, 77.1338**.

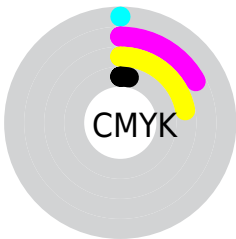
Distribution



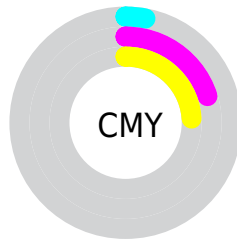
- Red (97%)
- Green (80%)
- Blue (76%)



- Red (97%)
- Yellow (82%)
- Blue (76%)



- Cyan (0%)
- Magenta (17%)
- Yellow (22%)
- Black (3%)





- Cyan (3%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.8147, 67.2871, 59.7601 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 69.8147, 67.2871, 59.7601 by changing the saturation by 10% instead.


 69.8147, 67.2871,
59.7601

 69.8147, 67.2871,
59.7601


449.1757,
450.9660, 441.4930

 51.6545, 49.3180,
42.8013

 117.9722,
115.3317, 106.0215

 36.9529, 34.8718,
29.3990

148.7002,
146.1760, 136.1612

 25.3446, 23.5641,
19.1347

184.3482,
182.0807, 171.5316

 16.4641, 15.0106,
11.5898

225.2816,
223.4304, 212.5513

 9.9460, 8.8268,
6.3459

271.8657,
270.6094, 259.6387

 5.4252, 4.6284,
2.9844

324.4658,

 2.5361, 2.0309,

324.0021, 313.2124

1.0867

383.4474,
383.9928, 373.6910

■ 0.9135, 0.6253,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.8147, 67.2871,
59.7601

■ 69.8147, 67.2871,
59.7601

■ 62.9702, 57.6451,
45.0009

■ 77.6872, 78.2476,
77.1338

■ 57.1050, 49.2626,
32.7250

■ 86.6229, 90.5644,
97.2361

■ 52.1746, 42.0895,
22.7959

■ 92.1679, 98.5142,
108.7651

■ 48.1288, 36.0689,
15.0624

■ 44.9123, 31.1393,
9.3555

■ 42.4631, 27.2329,
5.4810

■ 40.7094, 24.2738,
3.2062

■ 39.7199, 22.4982,
2.2491

Harmonies

Analogous

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



71.6942, 67.2871, 69.0000



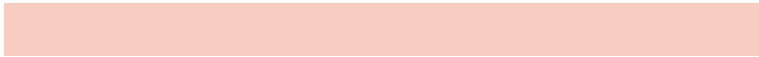
69.8147, 67.2871, 59.7601



66.3929, 67.2871, 54.4975

Triad

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



69.8147, 67.2871, 59.7601



57.0131, 67.2871, 66.5815



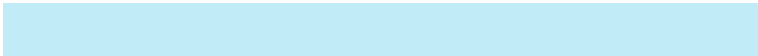
65.4852, 67.2871, 96.7285

Complementary

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



69.8147, 67.2871, 59.7601



68.4883, 77.4672, 99.3389

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.



61.5763, 67.2871, 95.9094



69.8147, 67.2871, 59.7601



56.7926, 67.2871, 77.7006

Square

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



69.8147, 67.2871, 59.7601



59.0467, 67.2871, 58.1470



58.4315, 67.2871, 88.6633



69.1267, 67.2871, 90.7977

Rectangle

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



69.8147, 67.2871, 59.7601



63.7520, 67.2871, 53.5882



58.4315, 67.2871, 88.6633



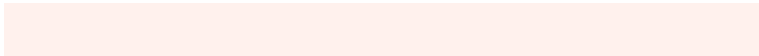
64.1571, 67.2871, 97.2485

Sweetspot

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



69.8165, 67.2902, 59.7615



88.0383, 90.3639, 93.0376



72.4671, 63.9303, 87.3455



18.7202, 19.1711, 19.6360



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

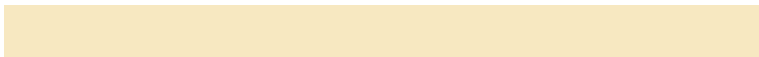
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.8165, 67.2902, 59.7615



71.8526, 67.8409, 57.2811



76.7561, 81.1694, 62.0747



16.7979, 17.0799, 17.2090



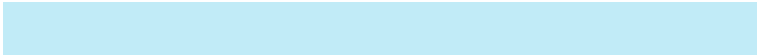
21.0924, 12.0705, 1.2181



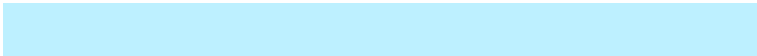
1.9274, 1.2080, 0.1316

Inverse Universe

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



68.4883, 77.4672, 99.3389



70.1988, 80.4742, 106.4409



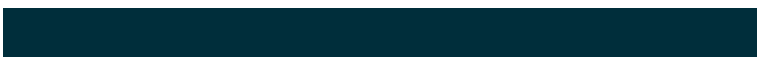
61.4106, 63.3118, 96.9797



16.6659, 18.0962, 21.1571



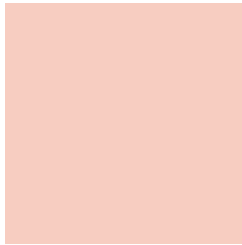
18.9686, 23.7309, 50.1188



1.7422, 2.2359, 4.4300

Previews

White Background



This preview shows how the XYZ color 69.8147, 67.2871, 59.7601 looks on a white background.

Color Contrast Check

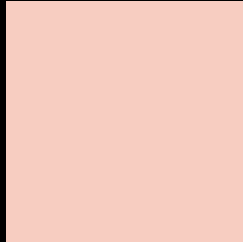
Large Text (above 18pt) WCAG AA × Fail

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 69.8147, 67.2871, 59.7601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

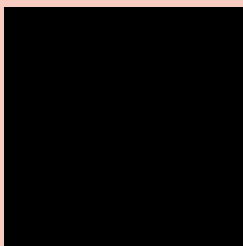
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.8147, 67.2871, 59.7601

Background



This preview shows how black text looks on a background with the XYZ color 69.8147, 67.2871, 59.7601.



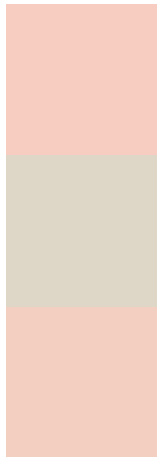
This preview shows how white text looks on a background with the XYZ color 69.8147, 67.2871,

59.7601.

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

69.8147, 67.2871, 59.7601

Protanopia

64.3638, 67.6999, 63.1011

Deuteranopia

68.9006, 67.5306, 59.8553



Tritanopia

72.8354, 67.1070, 74.7598

Trichromacy



Original Color

69.8147, 67.2871, 59.7601

Protanomaly

66.2131, 67.5630, 61.7757

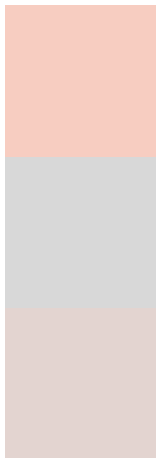
Deuteranomaly

69.0052, 67.2260, 59.7910

Tritanomaly

71.5726, 66.9349, 68.8219

Monochromacy



Original Color

69.8147, 67.2871, 59.7601

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.6072, 67.9719, 69.2838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.8147, 67.2871, 59.7601 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(247, 205, 193)` looks like.

```
.text, #text, p{  
    color:rgb(247, 205, 193)  
}
```

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(247, 205, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 205, 193) }
```

Border

The CSS property to change the border of an element to XYZ 69.8147, 67.2871, 59.7601 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(247, 205, 193) }
```


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

```
.border{ border-color:rgb(247, 205, 193) }
```

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

Here you see how a box with a 4 pixel rgb(247, 205, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 205, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 205, 193);  
box-shadow:4px 4px 4px 4px rgb(247, 205,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 69.8147, 67.2871, 59.7601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 205, 193) }
```

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

```
.background{ background-color: rgb(247,  
205, 193) }
```

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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