

Converting Colors

XYZ(69.7970, 64.5681, 63.0148)

Have a look what the booklet for
XYZ(69.7970, 64.5681, 63.0148)
contains.

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Color

**XYZ(69.6994, 64.3800,
62.7859)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC5C7
RGB	250, 197, 199
RGB Percent	98%, 77%, 78%
CMY	0.0196, 0.2274, 0.2196
CMYK	0.00, 0.21, 0.20, 0.02
HSL	358°, 84%, 88%
HSV	358°, 21%, 98%
XYZ	69.6994, 64.3800, 62.7859
YIQ	213.0750, 30.9460, 11.8580

Conversions

Conversions Part 2

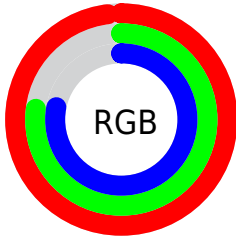
Format	Color
R _Y B	250, 197, 199
Decimal	16434631
CIE _{Lab}	84.16, 19.15, 6.23
CIE _{LCh}	84, 20.135, 18.015
Yxy	64.3800, 0.3540, 0.3270
Android (android.graphics.Color)	4294624711 (0xFFFA5C7)
YUV	213.0750, -6.9390, 32.3832
Hunter-Lab	80.2371, 14.6421, 9.7713

Details

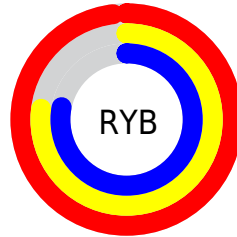
The XYZ color **69.6994, 64.3800, 62.7859** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.1574, 87.0204, 101.6993**, and the grayscale version is **63.3279, 66.6259, 72.5556**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **36.9256, 33.0267, 31.2167** is the 20% darker color. If you saturate the color by 10%, you get **61.9105, 52.9243, 47.4803**, and if you desaturate by 10%, it is **78.8749, 77.9009, 80.7338**.

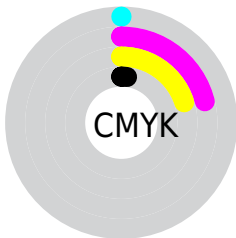
Distribution



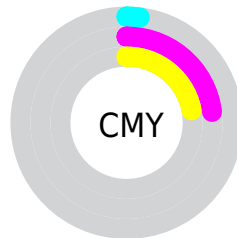
- Red (98%)
- Green (77%)
- Blue (78%)



- Red (98%)
- Yellow (77%)
- Blue (78%)



- Cyan (0%)
- Magenta (21%)
- Yellow (20%)
- Black (2%)



- Cyan (2%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6994, 64.3800, 62.7859 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 69.6994, 64.3800, 62.7859 by changing the saturation by 10% instead.

69.6994, 64.3800,
62.7859

69.6994, 64.3800,
62.7859

448.7767,
440.5606, 452.8786

51.5602, 46.9585,
45.2281

117.8086,
111.1580, 110.4432

36.8775, 33.0029,
31.2929

148.5093,
141.2833, 141.3797

25.2859, 22.1286,
20.5617

184.1279,
176.4121, 177.6130

16.4201, 13.9515,
12.6159

225.0298,
216.9286, 219.5615

9.9146, 8.0869,
7.0370

271.5802,
263.2173, 267.6438

5.4042, 4.1506,
3.4064


324.1446,


2.5235, 1.7582,


315.6626, 322.2784


1.3057


383.0883,
374.6489, 383.8838


 0.9071, 0.4609,
0.0665


 0.0000, 0.0000,
0.0000

 69.6994, 64.3800,
62.7859


 69.6994, 64.3800,
62.7859


 61.9105, 52.9243,
47.4803


 78.8749, 77.9009,
80.7338

 55.4357, 43.4240,
34.6887

 89.4941, 93.5722,
101.4363

 50.2042, 35.7724,
24.2777

 93.2346, 99.0641,
108.8150

 46.1363, 29.8492,
16.1004

■ 43.1430, 25.5198,
9.9934

■ 41.1225, 22.6301,
5.7711

■ 39.9535, 20.9949,
3.2148

■ 39.4761, 20.3447,
2.1166

Harmonies

Analogous

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



69.9540, 64.3800, 75.3146



69.6994, 64.3800, 62.7859



67.0988, 64.3800, 53.4070

Triad

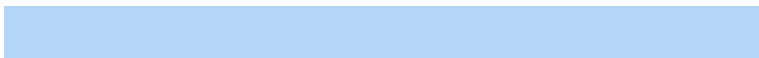
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.6994, 64.3800, 62.7859



55.0454, 64.3800, 54.9431



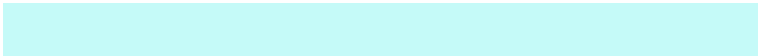
59.4306, 64.3800, 96.9233

Complementary

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



69.6994, 64.3800, 62.7859



74.1574, 87.0204, 101.6993

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.



55.6410, 64.3800, 89.9499



69.6994, 64.3800, 62.7859



53.1927, 64.3800, 65.1297

Square

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



69.6994, 64.3800, 62.7859



58.5815, 64.3800, 49.2714



53.4053, 64.3800, 77.9587



63.8774, 64.3800, 96.0970

Rectangle

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



69.6994, 64.3800, 62.7859



64.4526, 64.3800, 49.7321



53.4053, 64.3800, 77.9587



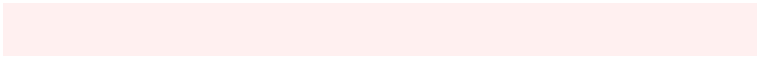
58.0418, 64.3800, 95.3820

Sweetspot

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



69.7012, 64.3829, 62.7872



88.0811, 89.7114, 95.3269



75.7047, 66.6754, 99.3226



18.6978, 18.9730, 20.1014



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.



69.7012, 64.3829, 62.7872



69.6237, 62.5101, 59.2294



75.3211, 75.9912, 63.5249



17.2711, 17.2358, 18.0174



20.9508, 10.7961, 1.1836



1.9494, 1.0035, 0.1571

Inverse Universe

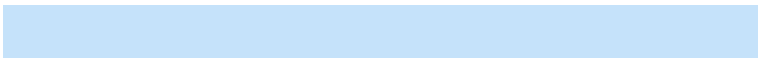
The Inverse Universe completely reimagines the original color for something new.



69.7012, 64.3829, 62.7872



69.6237, 62.5101, 59.2294



67.5210, 73.2493, 101.0228



17.2711, 17.2358, 18.0174



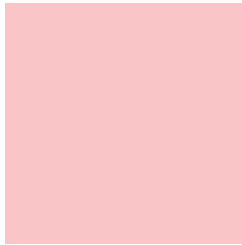
20.9508, 10.7961, 1.1836



1.9494, 1.0035, 0.1571

Previews

White Background



This preview shows how the XYZ color 69.6994, 64.3800, 62.7859 looks on a white background.

Color Contrast Check

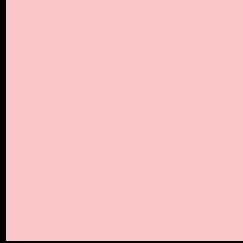
Large Text (above 18pt) WCAG AA × Fail

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 69.6994, 64.3800, 62.7859 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 69.6994, 64.3800, 62.7859

Background



This preview shows how black text looks on a background with the XYZ color 69.6994, 64.3800, 62.7859.



This preview shows how white text looks on a background with the XYZ color 69.6994, 64.3800,

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

69.6994, 64.3800, 62.7859

Protanopia

61.9654, 64.5042, 67.5772

Deuteranopia

65.8099, 64.4513, 62.3979



Tritanopia

70.9316, 64.1926, 69.6247

Trichromacy



Original Color

69.6994, 64.3800, 62.7859

Protanomaly

64.6057, 64.4684, 65.5385

Deuteranomaly

67.0149, 64.3758, 62.3198

Tritanomaly

70.6642, 64.4453, 67.1073

Monochromacy



Original Color

69.6994, 64.3800, 62.7859

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.0620, 65.3485, 68.8589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6994, 64.3800, 62.7859 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(250, 197, 199)` looks like.

```
.text, #text, p{  
    color:rgb(250, 197, 199)  
}
```

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(250, 197, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 197, 199) }
```

Border

The CSS property to change the border of an element to XYZ 69.6994, 64.3800, 62.7859 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(250, 197, 199) }
```


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

```
.border{ border-color:rgb(250, 197, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 197, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 197, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 197, 199);  
box-shadow:4px 4px 4px 4px rgb(250, 197,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6994, 64.3800, 62.7859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 197, 199) }
```

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

```
.background{ background-color: rgb(250,  
197, 199) }
```

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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