

Converting Colors

XYZ(68.4603, 63.9703, 61.9260)

Have a look what the booklet for
XYZ(68.4603, 63.9703, 61.9260)
contains.

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Color

**XYZ(68.7449, 64.2395,
62.2023)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C6C6
RGB	247, 198, 198
RGB Percent	97%, 78%, 78%
CMY	0.0314, 0.2235, 0.2235
CMYK	0.00, 0.20, 0.20, 0.03
HSL	0°, 75%, 87%
HSV	0°, 20%, 97%
XYZ	68.7449, 64.2395, 62.2023
YIQ	212.6510, 29.2040, 10.3880

Conversions

Conversions Part 2

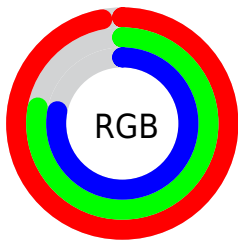
Format	Color
R _Y B	247, 198, 198
Decimal	16238278
CIE Lab	84.09, 17.39, 6.62
CIE LCh	84, 18.611, 20.833
Yxy	64.2395, 0.3522, 0.3291
Android (android.graphics.Color)	4294428358 (0xFFFF7C6C6)
YUV	212.6510, -7.2229, 30.1241
Hunter-Lab	80.1495, 12.8392, 10.0910

Details

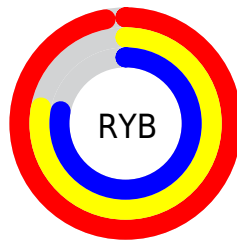
The XYZ color **68.7449, 64.2395, 62.2023** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.3373, 85.2406, 100.5841**, and the grayscale version is **63.0472, 66.3306, 72.2340**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.2425, 32.9073, 30.8271** is the 20% darker color. If you saturate the color by 10%, you get **60.9328, 52.8085, 46.6698**, and if you desaturate by 10%, it is **77.9457, 77.7031, 80.4912**.

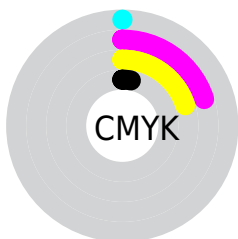
Distribution



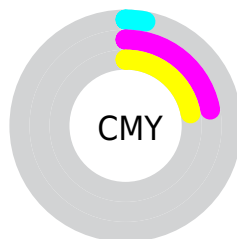
- Red (97%)
- Green (78%)
- Blue (78%)



- Red (97%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (3%)





- Cyan (3%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.7449, 64.2395, 62.2023 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 68.7449, 64.2395, 62.2023 by changing the saturation by 10% instead.


 68.7449, 64.2395,
62.2023

 68.7449, 64.2395,
62.2023


445.4662,
440.0540, 450.6966

 50.7799, 46.8447,
44.7593


116.4532,
110.9558, 109.5923

 36.2538, 32.9129,
30.9263


146.9272,
141.0460, 140.3764

 24.8013, 22.0597,
20.2848


182.3015,
176.1369, 176.4446

 16.0570, 13.9008,
12.4161

222.9416,
216.6127, 218.2155

 9.6556, 8.0517,
6.9017

269.2128,
262.8580, 266.1076

 5.2317, 4.1280,
3.3232


321.4803,

 2.4200, 1.7454,


315.2570, 320.5395


1.2619


380.1097,
374.1942, 381.9297


 0.8551, 0.4528,
0.0303


 0.0000, 0.0000,
0.0000


 68.7449, 64.2395,
62.2023


 68.7449, 64.2395,
62.2023


 60.9328, 52.8085,
46.6698


 77.9457, 77.7031,
80.4912

 54.4369, 43.3033,
33.7564

 88.5923, 93.2819,
101.6568

 49.1865, 35.6204,
23.3191

 92.1680, 98.5143,
108.7651

 45.1020, 29.6434,
15.1995

■ 42.0944, 25.2423,
9.2211

■ 40.0623, 22.2686,
5.1819

■ 38.8848, 20.5454,
2.8416

■ 38.3648, 19.7844,
1.8082

■ 38.3583, 19.7748,
1.7952

Harmonies

Analogous

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



69.1957, 64.2395, 73.6138



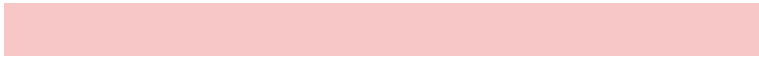
68.7449, 64.2395, 62.2023



66.1858, 64.2395, 53.8264

Triad

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



68.7449, 64.2395, 62.2023



55.1339, 64.2395, 56.6040



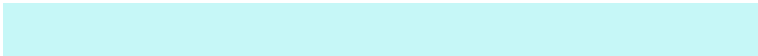
59.8074, 64.2395, 94.7508

Complementary

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



68.7449, 64.2395, 62.2023



73.3373, 85.2406, 100.5841

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.



56.2016, 64.2395, 88.9996



68.7449, 64.2395, 62.2023



53.5842, 64.2395, 66.4019

Square

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



68.7449, 64.2395, 62.2023



58.2904, 64.2395, 50.8550



53.9661, 64.2395, 78.3069



63.9113, 64.2395, 93.3008

Rectangle

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



68.7449, 64.2395, 62.2023



63.6891, 64.2395, 50.6734



53.9661, 64.2395, 78.3069



58.4998, 64.2395, 93.5736

Sweetspot

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



68.7467, 64.2424, 62.2036



87.9959, 89.6780, 94.8763



75.3410, 66.8786, 96.9342



18.6778, 18.9651, 19.9955



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.



68.7467, 64.2424, 62.2036



70.2037, 63.6431, 59.5055



74.8058, 76.3607, 64.2233



16.4993, 16.4828, 17.1095



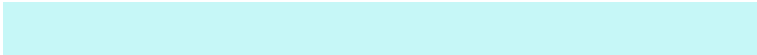
20.2863, 10.4583, 0.9494



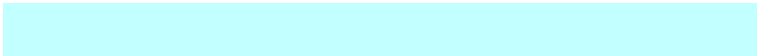
1.7830, 0.9193, 0.0835

Inverse Universe

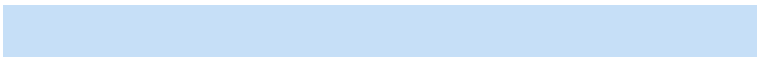
The Inverse Universe completely reimagines the original color for something new.



73.3373, 85.2406, 100.5841



76.0051, 90.1793, 108.0082



66.3323, 71.2305, 98.2491



16.9966, 18.7576, 21.2673



26.4658, 38.7255, 52.6179



2.3261, 3.4037, 4.6246

Previews

White Background



This preview shows how the XYZ color 68.7449, 64.2395, 62.2023 looks on a white background.

Color Contrast Check

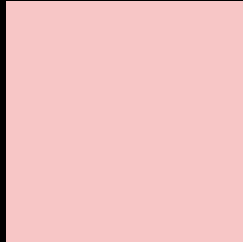
Large Text (above 18pt) WCAG AA × Fail

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 68.7449, 64.2395, 62.2023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

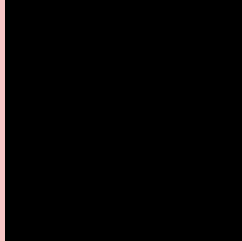
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.7449, 64.2395, 62.2023

Background



This preview shows how black text looks on a background with the XYZ color 68.7449, 64.2395, 62.2023.

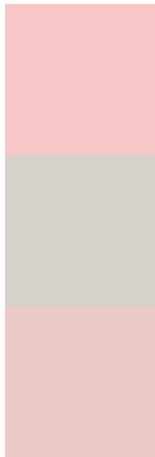


This preview shows how white text looks on a background with the XYZ color 68.7449, 64.2395,

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

68.7449, 64.2395, 62.2023

Protanopia

61.7239, 64.4076, 66.3055

Deuteranopia

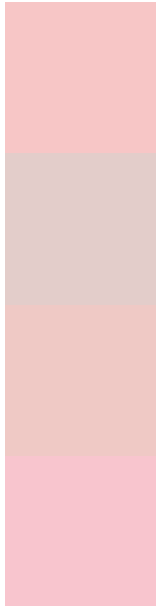
65.6949, 64.4053, 61.7923



Tritanopia

70.5647, 64.3227, 70.3244

Trichromacy



Original Color

68.7449, 64.2395, 62.2023

Protanomaly

64.1705, 64.2578, 64.8980

Deuteranomaly

66.5613, 64.1552, 61.6984

Tritanomaly

69.8182, 64.3452, 67.1326

Monochromacy



Original Color

68.7449, 64.2395, 62.2023

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.9924, 65.6734, 68.9253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.7449, 64.2395, 62.2023 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, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(247, 198, 198)  
}
```

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, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 198, 198) }
```

Border

The CSS property to change the border of an element to XYZ 68.7449, 64.2395, 62.2023 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, 198, 198) }
```


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

```
.border{ border-color:rgb(247, 198, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 198, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 198, 198); box-shadow:4px 4px 4px 4px rgb(247, 198, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 68.7449, 64.2395, 62.2023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 198, 198) }
```

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

```
.background{ background-color: rgb(247,  
198, 198) }
```

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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