

Converting Colors

XYZ(67.8111, 63.7448, 62.7628)

Have a look what the booklet for
XYZ(67.8111, 63.7448, 62.7628)
contains.

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Color

**XYZ(67.8111, 63.7448,
62.7628)**

Conversions

Conversions Part 1

Format	Color
Hex	F4C6C7
RGB	244, 198, 199
RGB Percent	96%, 78%, 78%
CMY	0.0431, 0.2235, 0.2196
CMYK	0.00, 0.19, 0.18, 0.04
HSL	359°, 68%, 87%
HSV	359°, 19%, 96%
XYZ	67.8111, 63.7448, 62.7628
YIQ	211.8680, 27.0950, 10.0630

Conversions

Conversions Part 2

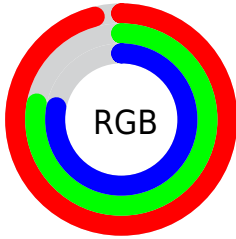
Format	Color
R_{YB}	244, 198, 199
Decimal	16041671
CIE _{Lab}	83.83, 16.46, 5.68
CIE _{LCh}	84, 17.415, 19.028
Yxy	63.7448, 0.3490, 0.3280
Android (android.graphics.Color)	4294231751 (0xFFFF4C6C7)
YUV	211.8680, -6.3439, 28.1798
Hunter-Lab	79.8403, 11.8855, 9.2801

Details

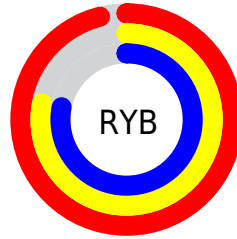
The XYZ color **67.8111, 63.7448, 62.7628** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.8196, 83.1797, 97.0681**, and the grayscale version is **62.5213, 65.7773, 71.6315**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5776, 32.5556, 31.1968** is the 20% darker color. If you saturate the color by 10%, you get **60.1191, 52.4535, 47.5801**, and if you desaturate by 10%, it is **76.8399, 77.0126, 80.5376**.

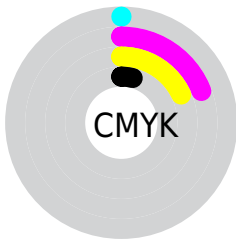
Distribution



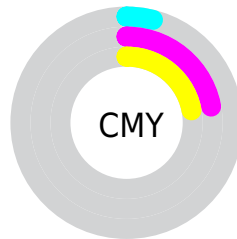
- Red (96%)
- Green (78%)
- Blue (78%)



- Red (96%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (19%)
- Yellow (18%)
- Black (4%)



- Cyan (4%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.8111, 63.7448, 62.7628 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 67.8111, 63.7448, 62.7628 by changing the saturation by 10% instead.

67.8111, 63.7448,
62.7628

67.8111, 63.7448,
62.7628

442.2137,
438.2675, 452.7924

50.0172, 46.4440,
45.2096

115.1253,
110.2433, 110.4095

35.6449, 32.5963,
31.2784

145.3762,
140.2098, 141.3401

24.3289, 21.8174,
20.5507

180.5102,
175.1671, 177.5668

15.7038, 13.7228,
12.6079

220.8927,
215.4994, 219.5083

9.4043, 7.9281,
7.0316

266.8889,
261.5912, 267.5830

5.0651, 4.0490,
3.4031


318.8642,

2.3206, 1.7010,


313.8269, 322.2096


1.3040


377.1840,
372.5908, 383.8065


 0.8052, 0.4243,
0.0650


 0.0000, 0.0000,
0.0000


 67.8111, 63.7448,
62.7628


 67.8111, 63.7448,
62.7628


 60.1191, 52.4535,
47.5801

 76.8399, 77.0126,
80.5376

 53.6953, 43.0360,
34.8647

 87.2592, 92.3359,
101.0134

 48.4734, 35.3937,
24.4875

 91.1184, 97.9732,
108.7160

 44.3787, 29.4152,
16.3062

■ 41.3280, 24.9768,
10.1629

■ 39.2271, 21.9374,
5.8788

■ 37.9644, 20.1303,
3.2438

■ 37.3829, 19.3117,
1.9877

■ 37.3374, 19.2448,
1.8984

Harmonies

Analogous

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



68.0998, 63.7448, 73.4947



67.8111, 63.7448, 62.7628



65.5399, 63.7448, 54.6851

Triad

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



67.8111, 63.7448, 62.7628



55.2015, 63.7448, 56.4898



59.1982, 63.7448, 92.2117

Complementary

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



67.8111, 63.7448, 62.7628



71.8196, 83.1797, 97.0681

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.



55.8911, 63.7448, 86.5597



67.8111, 63.7448, 62.7628



53.6490, 63.7448, 65.4742

Square

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



67.8111, 63.7448, 62.7628



58.2207, 63.7448, 51.3354



53.8961, 63.7448, 76.5048



63.0176, 63.7448, 91.2890

Rectangle

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



67.8111, 63.7448, 62.7628



63.2587, 63.7448, 51.5356



53.8961, 63.7448, 76.5048



57.9926, 63.7448, 90.9959

Sweetspot

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



67.8129, 63.7477, 62.7641



88.0446, 89.6968, 95.1351



73.3033, 65.8827, 94.4415



18.6893, 18.9696, 20.0563



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.



67.8129, 63.7477, 62.7641



71.2082, 64.9576, 61.9812



72.9565, 74.2194, 63.9103



16.5137, 16.4883, 17.1856



20.3082, 10.4667, 1.0656



1.7899, 0.9219, 0.1201

Inverse Universe

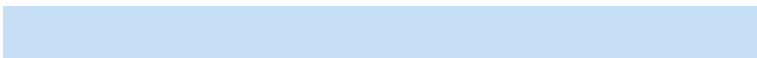
The Inverse Universe completely reimagines the original color for something new.



67.8129, 63.7477, 62.7641



71.2082, 64.9576, 61.9812



65.8835, 71.0662, 95.8331



16.5137, 16.4883, 17.1856



20.3082, 10.4667, 1.0656



1.7899, 0.9219, 0.1201

Previews

White Background



This preview shows how the XYZ color 67.8111, 63.7448, 62.7628 looks on a white background.

Color Contrast Check

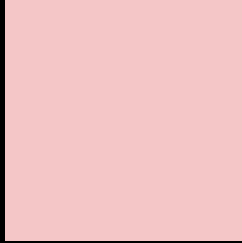
Large Text (above 18pt) WCAG AA × Fail

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 67.8111, 63.7448, 62.7628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

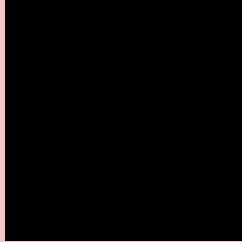
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.8111, 63.7448, 62.7628

Background



This preview shows how black text looks on a background with the XYZ color 67.8111, 63.7448, 62.7628.



This preview shows how white text looks on a background with the XYZ color 67.8111, 63.7448,

62.7628.

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

67.8111, 63.7448, 62.7628

Protanopia

61.3069, 63.8157, 66.8440

Deuteranopia

65.2453, 63.8107, 62.3040



Tritanopia

69.5038, 63.7758, 70.2747

Trichromacy



Original Color

67.8111, 63.7448, 62.7628

Protanomaly

63.4237, 63.5051, 65.4148

Deuteranomaly

66.3396, 64.0276, 62.2882

Tritanomaly

68.8849, 63.8500, 67.7251

Monochromacy



Original Color

67.8111, 63.7448, 62.7628

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.3158, 64.9779, 68.1837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8111, 63.7448, 62.7628 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(244, 198, 199)` looks like.

```
.text, #text, p{  
    color:rgb(244, 198, 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(244, 198, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 198, 199) }
```

Border

The CSS property to change the border of an element to XYZ 67.8111, 63.7448, 62.7628 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(244, 198, 199) }
```


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

```
.border{ border-color:rgb(244, 198, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 198, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 198, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 198, 199);  
box-shadow:4px 4px 4px 4px rgb(244, 198,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8111, 63.7448, 62.7628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 198, 199) }
```

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

```
.background{ background-color: rgb(244,  
198, 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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