

Converting Colors

XYZ(69.1157, 63.7431, 62.6937)

Have a look what the booklet for
XYZ(69.1157, 63.7431, 62.6937)
contains.

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Color

**XYZ(69.1157, 63.7431,
62.6937)**

Conversions

Conversions Part 1

Format	Color
Hex	F9C4C7
RGB	249, 196, 199
RGB Percent	98%, 77%, 78%
CMY	0.0235, 0.2313, 0.2196
CMYK	0.00, 0.21, 0.20, 0.02
HSL	357°, 82%, 87%
HSV	357°, 21%, 98%
XYZ	69.1157, 63.7431, 62.6937
YIQ	212.1890, 30.6250, 12.1690

Conversions

Conversions Part 2

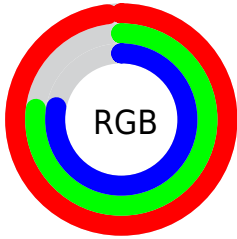
Format	Color
R_{YB}	249, 196, 199
Decimal	16368839
CIE _{Lab}	83.83, 19.31, 5.74
CIE _{LCh}	84, 20.148, 16.544
Yxy	63.7431, 0.3534, 0.3260
Android (android.graphics.Color)	4294558919 (0xFFFF9C4C7)
YUV	212.1890, -6.5022, 32.2832
Hunter-Lab	79.8393, 14.8061, 9.3301

Details

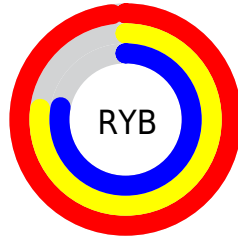
The XYZ color **69.1157, 63.7431, 62.6937** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2778, 86.1426, 99.9581**, and the grayscale version is **62.7341, 66.0011, 71.8752**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **36.5221, 32.5968, 31.1550** is the 20% darker color. If you saturate the color by 10%, you get **61.4381, 52.4209, 47.7000**, and if you desaturate by 10%, it is **78.1500, 77.1036, 80.2185**.

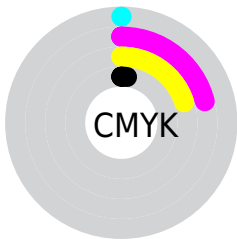
Distribution



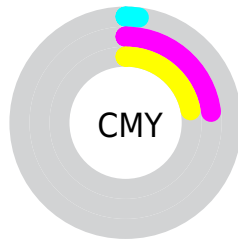
- Red (98%)
- Green (77%)
- Blue (78%)



- 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 69.1157, 63.7431, 62.6937 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 69.1157, 63.7431, 62.6937 by changing the saturation by 10% instead.

69.1157, 63.7431,
62.6937

69.1157, 63.7431,
62.6937

446.7539,
438.2613, 452.5343

51.0829, 46.4426,
45.1541

116.9800,
110.2409, 110.3088

36.4959, 32.5953,
31.2350

147.5422,
140.2070, 141.2213

24.9893, 21.8166,
20.5179

183.0116,
175.1637, 177.4286

16.1978, 13.7222,
12.5842

223.7535,
215.4956, 219.3491

9.7560, 7.9277,
7.0155

270.1334,
261.5868, 267.4013

5.2985, 4.0487,
3.3932

322.5165,

2.4600, 1.7008,

313.8220, 322.0039

1.2988

381.2682,
372.5853, 383.5754

■ 0.8751, 0.4242,
0.0608

■ 0.0000, 0.0000,
0.0000

■ 69.1157, 63.7431,
62.6937

■ 69.1157, 63.7431,
62.6937

■ 61.4381, 52.4209,
47.7000

■ 78.1500, 77.1036,
80.2185

■ 55.0467, 43.0287,
35.1168

■ 88.5965, 92.5865,
100.3795

■ 49.8726, 35.4614,
24.8194

■ 92.8772, 98.8799,
108.7983

■ 45.8386, 29.6004,
16.6704

■ 42.8582, 25.3131,
10.5179

■ 40.8329, 22.4475,
6.1897

■ 39.6453, 20.8212,
3.4849

■ 39.1470, 20.1718,
2.2484

Harmonies

Analogous

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



69.2454, 63.7431, 75.2328



69.1157, 63.7431, 62.6937



66.6299, 63.7431, 53.1734

Triad

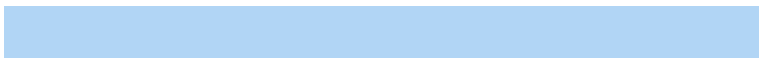
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.1157, 63.7431, 62.6937



54.6157, 63.7431, 53.9550



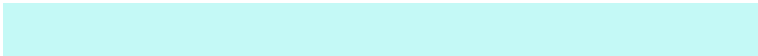
58.6271, 63.7431, 95.9107

Complementary

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



69.1157, 63.7431, 62.6937



73.2778, 86.1426, 99.9581

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.



54.9189, 63.7431, 88.6442



69.1157, 63.7431, 62.6937



52.6802, 63.7431, 63.8870

Square

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



69.1157, 63.7431, 62.6937



58.1947, 63.7431, 48.5648



52.7885, 63.7431, 76.5798



63.0418, 63.7431, 95.4895

Rectangle

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



69.1157, 63.7431, 62.6937



64.0369, 63.7431, 49.3612



52.7885, 63.7431, 76.5798



57.2611, 63.7431, 94.2518

Sweetspot

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



69.1175, 63.7460, 62.6950



88.1241, 89.7286, 95.5534



74.6599, 65.8189, 98.3925



18.7080, 18.9770, 20.1547



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.



69.1175, 63.7460, 62.6950



68.9372, 61.3519, 58.3383



74.3555, 74.7733, 62.7418



17.2844, 17.2411, 18.0873



20.9704, 10.8039, 1.2867



1.9558, 1.0060, 0.1904

Inverse Universe

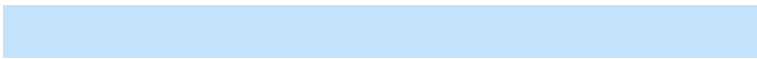
The Inverse Universe completely reimagines the original color for something new.



69.1175, 63.7460, 62.6950



68.9372, 61.3519, 58.3383



67.0718, 72.9887, 100.1764



17.2844, 17.2411, 18.0873



20.9704, 10.8039, 1.2867



1.9558, 1.0060, 0.1904

Previews

White Background



This preview shows how the XYZ color 69.1157, 63.7431, 62.6937 looks on a white background.

Color Contrast Check

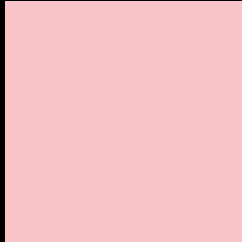
Large Text (above 18pt) WCAG AA × Fail

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 69.1157, 63.7431, 62.6937 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 69.1157, 63.7431, 62.6937

Background



This preview shows how black text looks on a background with the XYZ color 69.1157, 63.7431, 62.6937.



This preview shows how white text looks on a background with the XYZ color 69.1157, 63.7431,

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

69.1157, 63.7431, 62.6937

Protanopia

61.4280, 63.8641, 67.4819

Deuteranopia

65.2453, 63.8107, 62.3040



Tritanopia

70.2248, 63.5110, 68.8792

Trichromacy



Original Color

69.1157, 63.7431, 62.6937

Protanomaly

64.0509, 63.8284, 65.4442

Deuteranomaly

66.4439, 63.7365, 62.2265

Tritanomaly

69.9589, 63.7620, 66.3777

Monochromacy



Original Color

69.1157, 63.7431, 62.6937

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.3851, 64.6552, 68.1177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1157, 63.7431, 62.6937 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(249, 196, 199) looks like.

```
.text, #text, p{  
    color:rgb(249, 196, 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(249, 196, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 196, 199) }
```

Border

The CSS property to change the border of an element to XYZ 69.1157, 63.7431, 62.6937 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(249, 196, 199) }
```


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

```
.border{ border-color:rgb(249, 196, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 196, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 196, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 196, 199);  
box-shadow:4px 4px 4px 4px rgb(249, 196,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1157, 63.7431, 62.6937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 196, 199) }
```

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

```
.background{ background-color: rgb(249,  
196, 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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