

Converting Colors

XYZ(68.4380, 64.0533, 72.6848)

Have a look what the booklet for
XYZ(68.4380, 64.0533, 72.6848)
contains.

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Color

**XYZ(68.4962, 64.2272,
72.4053)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C7D6
RGB	240, 199, 214
RGB Percent	94%, 78%, 84%
CMY	0.0588, 0.2196, 0.1608
CMYK	0.00, 0.17, 0.11, 0.06
HSL	338°, 58%, 86%
HSV	338°, 17%, 94%
XYZ	68.4962, 64.2272, 72.4053
YIQ	212.9690, 19.6210, 13.3570

Conversions

Conversions Part 2

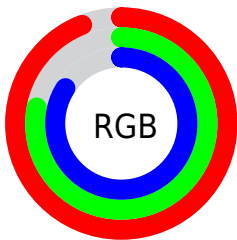
Format	Color
R _Y B	240, 199, 214
Decimal	15779798
CIE Lab	84.08, 16.88, -2.01
CIE LCh	84, 17.000, 353.208
Yxy	64.2272, 0.3339, 0.3131
Android (android.graphics.Color)	4293969878 (0xFFFF0C7D6)
YUV	212.9690, 0.5083, 23.7062
Hunter-Lab	80.1419, 12.3133, 2.5329

Details

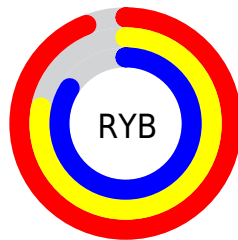
The XYZ color **68.4962, 64.2272, 72.4053** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.3064, 79.9002, 83.0601**, and the grayscale version is **63.2142, 66.5063, 72.4253**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.1506, 32.9443, 37.2544** is the 20% darker color. If you saturate the color by 10%, you get **61.5499, 53.3009, 60.9432**, and if you desaturate by 10%, it is **76.4987, 76.9735, 85.1172**.

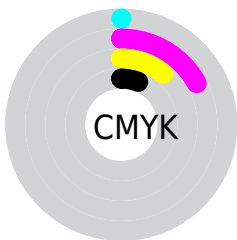
Distribution



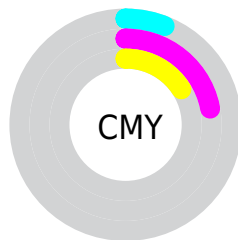
- Red (94%)
- Green (78%)
- Blue (84%)



- Red (94%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (17%)
- Yellow (11%)
- Black (6%)



- Cyan (6%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.4962, 64.2272, 72.4053 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 68.4962, 64.2272, 72.4053 by changing the saturation by 10% instead.

68.4962, 64.2272,
72.4053

68.4962, 64.2272,
72.4053

444.6013,
440.0096, 487.9665

50.5767, 46.8347,
53.0010

116.0997,
110.9381, 124.3457

36.0915, 32.9050,
37.4158

146.5144,
141.0253, 157.7188

24.6753, 22.0537,
25.2313

181.8249,
176.1128, 196.5852

15.9627, 13.8964,
16.0289

222.3965,
216.5851, 241.3636

9.5885, 8.0486,
9.3900

268.5946,
262.8265, 292.4723

5.1871, 4.1261,
4.8962


320.7845,

2.3934, 1.7443,


315.2215, 350.3300


2.1288


379.3316,
374.1544, 415.3552


 0.8418, 0.4521,
0.6328


 0.0000, 0.0000,
0.0000


 68.4962, 64.2272,
72.4053


 68.4962, 64.2272,
72.4053

 61.5499, 53.3009,
60.9432


 76.4987, 76.9735,
85.1172

 55.6086, 44.1027,
50.6873

 85.5947, 91.6093,
99.1126

 50.6250, 36.5454,
41.5968

 89.7455, 97.2654,
108.6518

 46.5457, 30.5308,
33.6274

■ 43.3118, 25.9501,
26.7313

■ 40.8567, 22.6802,
20.8566

■ 39.1034, 20.5768,
15.9461

■ 37.9535, 19.4543,
11.9332

■ 37.6882, 19.2265,
10.9116

Harmonies

Analogous

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



67.0096, 64.2272, 83.0556



68.4962, 64.2272, 72.4053



67.9219, 64.2272, 62.0998

Triad

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



68.4962, 64.2272, 72.4053



58.2460, 64.2272, 52.6048



56.8251, 64.2272, 87.8241

Complementary

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



68.4962, 64.2272, 72.4053



68.3064, 79.9002, 83.0601

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.



54.6506, 64.2272, 78.3976



68.4962, 64.2272, 72.4053



55.4472, 64.2272, 58.2701

Square

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



68.4962, 64.2272, 72.4053



61.9035, 64.2272, 51.3515



54.1567, 64.2272, 67.5167



60.1965, 64.2272, 92.5288

Rectangle

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



68.4962, 64.2272, 72.4053



66.4586, 64.2272, 56.7149



54.1567, 64.2272, 67.5167



55.9356, 64.2272, 85.0590

Sweetspot

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



68.4980, 64.2301, 72.4067



89.8418, 91.6233, 100.8759



67.1949, 63.1435, 91.0851



19.0787, 19.3687, 21.3566



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.



68.4980, 64.2301, 72.4067



76.1057, 69.7549, 79.0214



67.9502, 66.0596, 63.2058



16.0118, 15.8544, 17.6183



20.6894, 10.5482, 6.2808



1.7674, 0.8960, 0.7662

Inverse Universe

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



68.4980, 64.2301, 72.4067



76.1057, 69.7549, 79.0214



68.8584, 77.5849, 93.7849



16.0118, 15.8544, 17.6183



20.6894, 10.5482, 6.2808



1.7674, 0.8960, 0.7662

Previews

White Background



This preview shows how the XYZ color 68.4962, 64.2272, 72.4053 looks on a white background.

Color Contrast Check

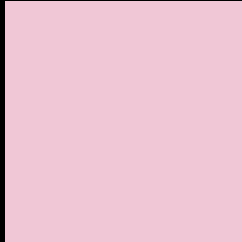
Large Text (above 18pt) WCAG AA × Fail

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 68.4962, 64.2272, 72.4053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

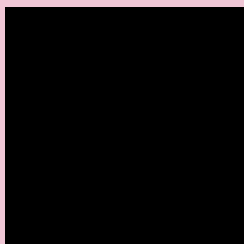
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.4962, 64.2272, 72.4053

Background



This preview shows how black text looks on a background with the XYZ color 68.4962, 64.2272, 72.4053.



This preview shows how white text looks on a background with the XYZ color 68.4962, 64.2272,

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

68.4962, 64.2272, 72.4053

Protanopia

62.5827, 64.6171, 76.8840

Deuteranopia

65.6793, 64.1740, 71.8759



Tritanopia

68.4962, 64.2272, 72.4053

Trichromacy



Original Color

68.4962, 64.2272, 72.4053

Protanomaly

64.6104, 64.2542, 75.3266

Deuteranomaly

66.7350, 64.3688, 71.8579

Tritanomaly

68.4962, 64.2272, 72.4053

Monochromacy



Original Color

68.4962, 64.2272, 72.4053

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.9975, 65.6038, 72.1879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4962, 64.2272, 72.4053 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(240, 199, 214)` looks like.

```
.text, #text, p{  
    color:rgb(240, 199, 214)  
}
```

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(240, 199, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 199, 214) }
```

Border

The CSS property to change the border of an element to XYZ 68.4962, 64.2272, 72.4053 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(240, 199, 214) }
```


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

```
.border{ border-color:rgb(240, 199, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 199, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 199, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 199, 214);  
box-shadow:4px 4px 4px 4px rgb(240, 199,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4962, 64.2272, 72.4053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 199, 214) }
```

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

```
.background{ background-color: rgb(240,  
199, 214) }
```

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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