

Converting Colors

XYZ(68.6073, 63.9440, 72.3448)

Have a look what the booklet for
XYZ(68.6073, 63.9440, 72.3448)
contains.

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Color

**XYZ(68.6073, 63.9440,
72.3448)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C6D6
RGB	241, 198, 214
RGB Percent	95%, 78%, 84%
CMY	0.0549, 0.2235, 0.1608
CMYK	0.00, 0.18, 0.11, 0.05
HSL	338°, 61%, 86%
HSV	338°, 18%, 95%
XYZ	68.6073, 63.9440, 72.3448
YIQ	212.6810, 20.4920, 14.0920

Conversions

Conversions Part 2

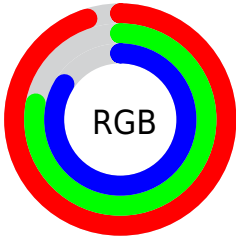
Format	Color
R _Y B	241, 198, 214
Decimal	15845078
CIE Lab	83.94, 17.76, -2.22
CIE LCh	84, 17.895, 352.888
Yxy	63.9440, 0.3348, 0.3121
Android (android.graphics.Color)	4294035158 (0xFFFF1C6D6)
YUV	212.6810, 0.6503, 24.8358
Hunter-Lab	79.9650, 13.2083, 2.3355

Details

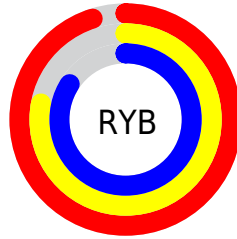
The XYZ color **68.6073, 63.9440, 72.3448** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.3371, 80.3542, 83.1461**, and the grayscale version is **63.0205, 66.3025, 72.2034**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.2389, 32.7640, 37.2150** is the 20% darker color. If you saturate the color by 10%, you get **61.6872, 53.0540, 60.9413**, and if you desaturate by 10%, it is **76.5871, 76.6645, 84.9891**.

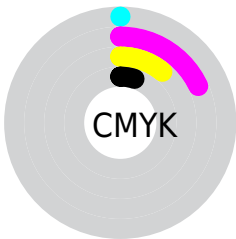
Distribution



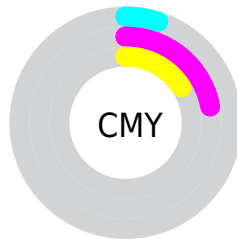
- Red (95%)
- Green (78%)
- Blue (84%)



- Red (95%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (18%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.6073, 63.9440, 72.3448 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 68.6073, 63.9440, 72.3448 by changing the saturation by 10% instead.

68.6073, 63.9440,
72.3448

68.6073, 63.9440,
72.3448

444.9878,
438.9874, 487.7506

50.6674, 46.6053,
52.9518

116.2577,
110.5303, 124.2589

36.1640, 32.7238,
37.3769

146.6988,
140.5467, 157.6171

24.7316, 21.9149,
25.2013

182.0379,
175.5578, 196.4675

16.0048, 13.7944,
16.0067

222.6401,
215.9479, 241.2285

9.6184, 7.9778,
9.3745

268.8708,
262.1016, 292.3188

5.2070, 4.0807,
4.8861


321.0954,

2.4052, 1.7188,

314.4031, 350.1569


2.1230


379.6793,
373.2369, 415.1613


 0.8477, 0.4358,
0.6294


 0.0000, 0.0000,
0.0000


 68.6073, 63.9440,
72.3448


 68.6073, 63.9440,
72.3448


 61.6872, 53.0540,
60.9413


 76.5871, 76.6645,
84.9891

 55.7751, 43.9011,
50.7351

 85.6645, 91.2859,
98.9076

 50.8230, 36.3970,
41.6858

 90.0859, 97.4409,
108.6677

 46.7769, 30.4416,
33.7492

■ 43.5768, 25.9243,
26.8778

■ 41.1551, 22.7192,
21.0198

■ 39.4329, 20.6787,
16.1180

■ 38.3051, 19.6030,
12.1043

■ 38.1070, 19.4333,
11.3398

Harmonies

Analogous

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



67.0196, 63.9440, 83.5508



68.6073, 63.9440, 72.3448



68.0256, 63.9440, 61.5234

Triad

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



68.6073, 63.9440, 72.3448



57.8782, 63.9440, 51.4901



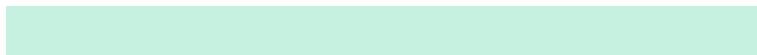
56.3201, 63.9440, 88.3957

Complementary

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



68.6073, 63.9440, 72.3448



68.3371, 80.3542, 83.1461

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.



54.0623, 63.9440, 78.4065



68.6073, 63.9440, 72.3448



54.9343, 63.9440, 57.3380

Square

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



68.6073, 63.9440, 72.3448



61.7195, 63.9440, 50.2402



53.5661, 63.9440, 66.9726



59.8438, 63.9440, 93.4451

Rectangle

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



68.6073, 63.9440, 72.3448



66.4973, 63.9440, 55.8795



53.5661, 63.9440, 66.9726



55.3942, 63.9440, 85.4558

Sweetspot

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



68.6091, 63.9469, 72.3461



89.8541, 91.6282, 100.9406



66.9744, 62.6722, 91.7868



19.0816, 19.3699, 21.3723



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.



68.6091, 63.9469, 72.3461



75.3325, 68.4837, 77.9153



67.8307, 65.5006, 62.4974



16.0160, 15.8561, 17.6403



20.7242, 10.5621, 6.4642



1.7706, 0.8973, 0.7831

Inverse Universe

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



68.6091, 63.9469, 72.3461



75.3325, 68.4837, 77.9153



69.1586, 78.3396, 94.6958



16.0160, 15.8561, 17.6403



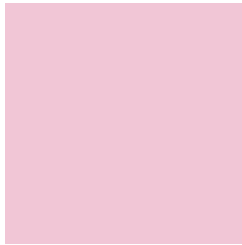
20.7242, 10.5621, 6.4642



1.7706, 0.8973, 0.7831

Previews

White Background



This preview shows how the XYZ color 68.6073, 63.9440, 72.3448 looks on a white background.

Color Contrast Check

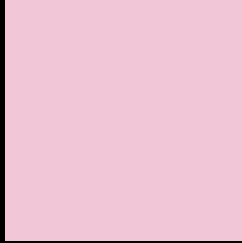
Large Text (above 18pt) WCAG AA × Fail

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 68.6073, 63.9440, 72.3448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

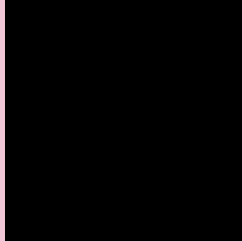
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.6073, 63.9440, 72.3448

Background



This preview shows how black text looks on a background with the XYZ color 68.6073, 63.9440, 72.3448.



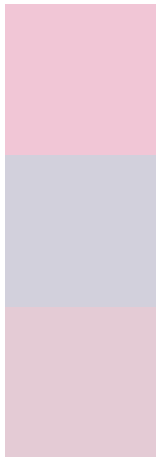
This preview shows how white text looks on a background with the XYZ color 68.6073, 63.9440,

72.3448.

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

68.6073, 63.9440, 72.3448

Protanopia

62.0525, 63.9807, 76.7891

Deuteranopia

65.3611, 64.0099, 71.8610



Tritanopia

68.6073, 63.9440, 72.3448

Trichromacy



Original Color

68.6073, 63.9440, 72.3448

Protanomaly

64.0665, 63.6198, 75.2329

Deuteranomaly

66.5012, 63.9010, 71.7799

Tritanomaly

68.6073, 63.9440, 72.3448

Monochromacy



Original Color

68.6073, 63.9440, 72.3448

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 68.6073, 63.9440, 72.3448 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(241, 198, 214)` looks like.

```
.text, #text, p{  
    color:rgb(241, 198, 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(241, 198, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 198, 214) }
```

Border

The CSS property to change the border of an element to XYZ 68.6073, 63.9440, 72.3448 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(241, 198, 214) }
```


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

```
.border{ border-color:rgb(241, 198, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 198, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 198, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 198, 214);  
box-shadow:4px 4px 4px 4px rgb(241, 198,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 68.6073, 63.9440, 72.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 198, 214) }
```

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

```
.background{ background-color: rgb(241,  
198, 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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