

Converting Colors

XYZ(69.8968, 63.7958, 73.1405)

Have a look what the booklet for
XYZ(69.8968, 63.7958, 73.1405)
contains.

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Color

**XYZ(70.0117, 63.9790,
72.9491)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C4D7
RGB	246, 196, 215
RGB Percent	96%, 77%, 84%
CMY	0.0353, 0.2313, 0.1569
CMYK	0.00, 0.20, 0.13, 0.04
HSL	337°, 74%, 87%
HSV	337°, 20%, 96%
XYZ	70.0117, 63.9790, 72.9491
YIQ	213.1160, 23.7010, 16.5090

Conversions

Conversions Part 2

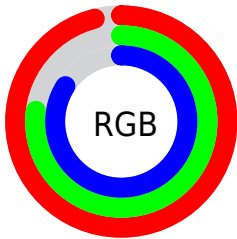
Format	Color
R _Y B	246, 196, 215
Decimal	16172247
CIE Lab	83.95, 20.72, -2.67
CIE LCh	84, 20.890, 352.660
Yxy	63.9790, 0.3383, 0.3092
Android (android.graphics.Color)	4294362327 (0xFFFF6C4D7)
YUV	213.1160, 0.9288, 28.8393
Hunter-Lab	79.9869, 16.2622, 1.9175

Details

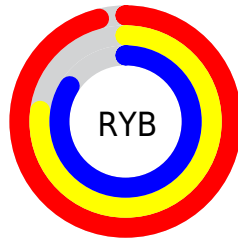
The XYZ color **70.0117, 63.9790, 72.9491** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.5884, 83.1950, 85.0676**, and the grayscale version is **63.3079, 66.6048, 72.5326**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **37.0044, 32.7029, 37.6196** is the 20% darker color. If you saturate the color by 10%, you get **63.0419, 53.0307, 61.4025**, and if you desaturate by 10%, it is **78.0776, 76.8256, 85.7642**.

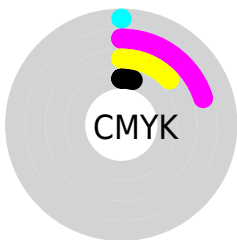
Distribution



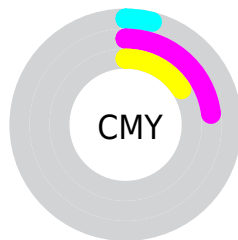
- Red (96%)
- Green (77%)
- Blue (84%)



- Red (96%)
- Yellow (77%)
- Blue (84%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (4%)





- Cyan (4%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0117, 63.9790, 72.9491 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 70.0117, 63.9790, 72.9491 by changing the saturation by 10% instead.


 70.0117, 63.9790,
72.9491

 70.0117, 63.9790,
72.9491


449.8569,
439.1138, 489.9044

 51.8157, 46.6337,
53.4428


 118.2516,
110.5807, 125.1252

 37.0819, 32.7461,
37.7662

149.0263,
140.6058, 158.6320

 25.4449, 21.9321,
25.5009


184.7245,
175.6264, 197.6428

 16.5393, 13.8070,
16.2282

225.7116,
216.0267, 242.5761

 9.9998, 7.9865,
9.5297

272.3531,
262.1912, 293.8503

 5.4611, 4.0863,
4.9868


325.0142,

 2.5578, 1.7220,


314.5043, 351.8841


2.1809


384.0604,
373.3504, 417.0959


 0.9245, 0.4378,
0.6633


 0.0000, 0.0000,
0.0000


 70.0117, 63.9790,
72.9491


 70.0117, 63.9790,
72.9491


 63.0419, 53.0307,
61.4025


 78.0776, 76.8256,
85.7642

 57.1136, 43.8815,
51.0794

 87.2803, 91.6462,
99.8828

 52.1753, 36.4362,
41.9378

 91.8164, 98.3330,
108.7487

 48.1689, 30.5874,
33.9316

■ 45.0301, 26.2151,
27.0111

■ 42.6853, 23.1823,
21.1219

■ 41.0479, 21.3258,
16.2037

■ 40.0029, 20.3916,
12.2922

Harmonies

Analogous

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



68.1172, 63.9790, 86.1850



70.0117, 63.9790, 72.9491



69.3434, 63.9790, 60.3513

Triad

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



70.0117, 63.9790, 72.9491



57.4656, 63.9790, 48.8026



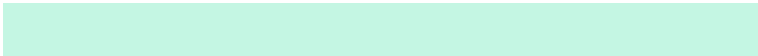
55.6012, 63.9790, 91.8063

Complementary

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



70.0117, 63.9790, 72.9491



69.5884, 83.1950, 85.0676

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.



53.0073, 63.9790, 79.8848



70.0117, 63.9790, 72.9491



54.0452, 63.9790, 55.3989

Square

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



70.0117, 63.9790, 72.9491



61.9472, 63.9790, 47.4368



52.4523, 63.9790, 66.4757



59.6870, 63.9790, 97.9289

Rectangle

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



70.0117, 63.9790, 72.9491



67.5496, 63.9790, 53.8672



52.4523, 63.9790, 66.4757



54.5345, 63.9790, 88.2775

Sweetspot

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



70.0135, 63.9819, 72.9504



88.8717, 90.0276, 99.4905



68.0029, 62.4407, 95.6576



18.8842, 19.0475, 21.0826



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

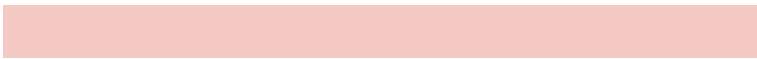
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.0135, 63.9819, 72.9504



73.0185, 64.7671, 74.3343



69.0535, 65.7442, 61.2785



16.7596, 16.5867, 18.4808



21.4147, 10.9093, 6.8924



1.9305, 0.9782, 0.8605

Inverse Universe

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



70.0135, 63.9819, 72.9504



73.0185, 64.7671, 74.3343



70.6108, 80.8097, 99.0658



16.7596, 16.5867, 18.4808



21.4147, 10.9093, 6.8924



1.9305, 0.9782, 0.8605

Previews

White Background



This preview shows how the XYZ color 70.0117, 63.9790, 72.9491 looks on a white background.

Color Contrast Check

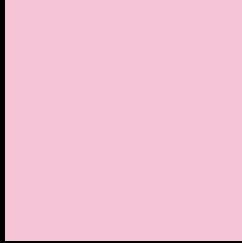
Large Text (above 18pt) WCAG AA × Fail

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 70.0117, 63.9790, 72.9491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

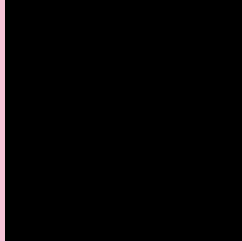
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.0117, 63.9790, 72.9491

Background



This preview shows how black text looks on a background with the XYZ color 70.0117, 63.9790, 72.9491.



This preview shows how white text looks on a background with the XYZ color 70.0117, 63.9790,

72.9491.

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

70.0117, 63.9790, 72.9491

Protanopia

62.3190, 64.0873, 78.1928

Deuteranopia

65.4884, 64.0609, 72.5317



Tritanopia

69.8560, 64.2788, 71.0126

Trichromacy



Original Color

70.0117, 63.9790, 72.9491

Protanomaly

64.8105, 63.9882, 75.9529

Deuteranomaly

67.0528, 63.8258, 72.4039

Tritanomaly

69.9825, 64.3294, 71.6791

Monochromacy



Original Color

70.0117, 63.9790, 72.9491

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.5018, 65.4882, 72.8065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0117, 63.9790, 72.9491 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(246, 196, 215)` looks like.

```
.text, #text, p{  
    color:rgb(246, 196, 215)  
}
```

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(246, 196, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 196, 215) }
```

Border

The CSS property to change the border of an element to XYZ 70.0117, 63.9790, 72.9491 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(246, 196, 215) }
```


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

```
.border{ border-color:rgb(246, 196, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 196, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 196, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 196, 215);  
box-shadow:4px 4px 4px 4px rgb(246, 196,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0117, 63.9790, 72.9491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 196, 215) }
```

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

```
.background{ background-color: rgb(246,  
196, 215) }
```

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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