

Converting Colors

XYZ(70.3329, 67.2934, 71.5693)

Have a look what the booklet for
XYZ(70.3329, 67.2934, 71.5693)
contains.

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Color

**XYZ(70.3329, 67.2934,
71.5693)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CDD4
RGB	242, 205, 212
RGB Percent	95%, 80%, 83%
CMY	0.0510, 0.1961, 0.1686
CMYK	0.00, 0.15, 0.12, 0.05
HSL	349°, 59%, 88%
HSV	349°, 15%, 95%
XYZ	70.3329, 67.2934, 71.5693
YIQ	216.8610, 19.8050, 10.0210

Conversions

Conversions Part 2

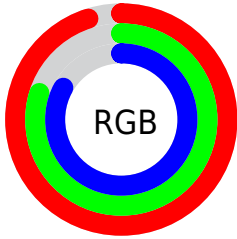
Format	Color
R _Y B	242, 205, 212
Decimal	15912404
CIE Lab	85.65, 14.09, 1.37
CIE LCh	86, 14.160, 5.542
Yxy	67.2934, 0.3362, 0.3217
Android (android.graphics.Color)	4294102484 (0xFFFF2CDD4)
YUV	216.8610, -2.3965, 22.0469
Hunter-Lab	82.0326, 9.4850, 5.6952

Details

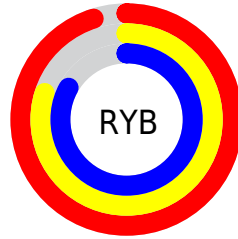
The XYZ color **70.3329, 67.2934, 71.5693** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.9270, 82.4832, 90.7312**, and the grayscale version is **65.8661, 69.2963, 75.4637**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.4021, 35.0066, 36.6839** is the 20% darker color. If you saturate the color by 10%, you get **62.6589, 55.6688, 57.5313**, and if you desaturate by 10%, it is **79.2069, 80.8350, 87.4933**.

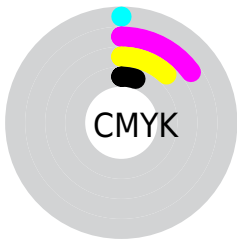
Distribution



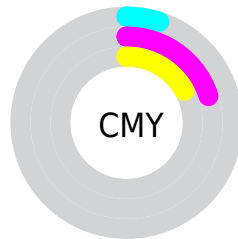
- Red (95%)
- Green (80%)
- Blue (83%)



- Red (95%)
- Yellow (80%)
- Blue (83%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (5%)





- Cyan (5%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.3329, 67.2934, 71.5693 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 70.3329, 67.2934, 71.5693 by changing the saturation by 10% instead.


 70.3329, 67.2934,
71.5693

 70.3329, 67.2934,
71.5693

450.9662,
450.9884, 484.9783

 52.0786, 49.3231,
52.3222


118.7071,
115.3407, 123.1460

 37.2922, 34.8759,
36.8780

149.5576,
146.1865, 156.3127

 25.6085, 23.5673,
24.8180


185.3375,
182.0930, 194.9564

 16.6622, 15.0129,
15.7237

226.4123,
223.4444, 239.4956

 10.0877, 8.8285,
9.1766

273.1471,
270.6253, 290.3489

 5.5199, 4.6295,
4.7582

325.9075,

 2.5933, 2.0315,

324.0200, 347.9347

2.0498

385.0588,
384.0129, 412.6717

■ 0.9425, 0.6257,
0.5857

■ 0.0000, 0.0000,
0.0000

■ 70.3329, 67.2934,
71.5693

■ 70.3329, 67.2934,
71.5693

■ 62.6589, 55.6688,
57.5313

■ 79.2069, 80.8350,
87.4933

■ 56.1276, 45.8657,
45.3048

■ 89.3238, 96.3654,
105.3656

■ 50.6851, 37.7943,
34.8166

■ 90.4282, 97.6174,
108.6837

■ 46.2711, 31.3534,
25.9868

■ 42.8195, 26.4311,
18.7290

■ 40.2558, 22.9015,
12.9490

■ 38.4947, 20.6184,
8.5418

■ 37.4324, 19.4021,
5.3876

■ 37.1066, 19.0727,
4.2857

Harmonies

Analogous

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



69.7725, 67.2934, 80.8723



70.3329, 67.2934, 71.5693



69.1398, 67.2934, 63.4250

Triad

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



70.3329, 67.2934, 71.5693



60.4231, 67.2934, 59.7500



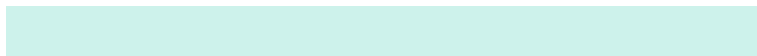
61.4272, 67.2934, 90.6543

Complementary

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



70.3329, 67.2934, 71.5693



71.9270, 82.4832, 90.7312

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.



59.0463, 67.2934, 84.0867



70.3329, 67.2934, 71.5693



58.4803, 67.2934, 66.1617

Square

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



70.3329, 67.2934, 71.5693



63.3634, 67.2934, 56.9785



57.9849, 67.2934, 74.9996



64.5611, 67.2934, 92.4064

Rectangle

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



70.3329, 67.2934, 71.5693



67.5334, 67.2934, 59.5819



57.9849, 67.2934, 74.9996



60.5157, 67.2934, 88.9111

Sweetspot

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



70.3348, 67.2964, 71.5707



89.4963, 91.4851, 99.0565



71.9895, 67.6708, 93.2725



18.9949, 19.3352, 20.9156



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.



70.3348, 67.2964, 71.5707



76.6910, 71.9604, 76.0261



72.2210, 72.4507, 67.9393



15.8949, 15.8077, 17.0028



19.9707, 10.2607, 2.4961



1.6946, 0.8669, 0.3828

Inverse Universe

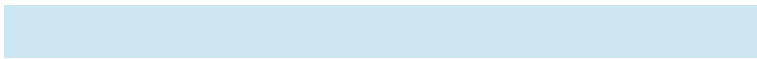
The Inverse Universe completely reimagines the original color for something new.



70.3348, 67.2964, 71.5707



76.6910, 71.9604, 76.0261



69.7542, 76.4880, 95.0922



15.8949, 15.8077, 17.0028



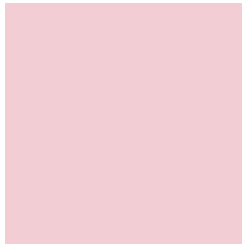
19.9707, 10.2607, 2.4961



1.6946, 0.8669, 0.3828

Previews

White Background



This preview shows how the XYZ color 70.3329, 67.2934, 71.5693 looks on a white background.

Color Contrast Check

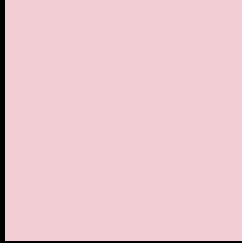
Large Text (above 18pt) WCAG AA × Fail

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 70.3329, 67.2934, 71.5693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

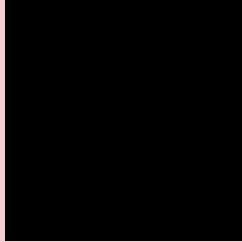
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3329, 67.2934, 71.5693

Background



This preview shows how black text looks on a background with the XYZ color 70.3329, 67.2934, 71.5693.



This preview shows how white text looks on a background with the XYZ color 70.3329, 67.2934,

71.5693.

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

70.3329, 67.2934, 71.5693

Protanopia

64.9339, 67.3500, 75.2231

Deuteranopia

68.7886, 67.2120, 71.6350



Tritanopia

71.4733, 67.4077, 76.9541

Trichromacy



Original Color

70.3329, 67.2934, 71.5693

Protanomaly

66.6764, 67.1682, 73.7405

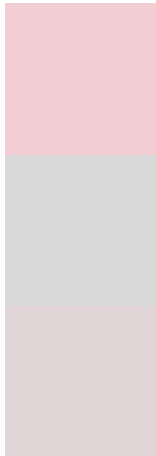
Deuteranomaly

69.2149, 67.0732, 71.5858

Tritanomaly

71.0794, 67.2502, 74.8799

Monochromacy



Original Color

70.3329, 67.2934, 71.5693

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.4240, 68.6635, 73.9897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3329, 67.2934, 71.5693 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(242, 205, 212)` looks like.

```
.text, #text, p{  
    color:rgb(242, 205, 212)  
}
```

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(242, 205, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 205, 212) }
```

Border

The CSS property to change the border of an element to XYZ 70.3329, 67.2934, 71.5693 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(242, 205, 212) }
```


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

```
.border{ border-color:rgb(242, 205, 212) }
```

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

Here you see how a box with a 4 pixel rgb(242, 205, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 205, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 205, 212);  
box-shadow:4px 4px 4px 4px rgb(242, 205,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3329, 67.2934, 71.5693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 205, 212) }
```

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

```
.background{ background-color: rgb(242,  
205, 212) }
```

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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