

# Converting Colors

XYZ(74.6948, 69.3840, 70.9960)

Have a look what the booklet for  
XYZ(74.6948, 69.3840, 70.9960)  
contains.

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# Color

**XYZ(74.8292, 69.6258,  
71.1232)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCDD3
RGB	255, 205, 211
RGB Percent	100%, 80%, 83%
CMY	0.0000, 0.1961, 0.1725
CMYK	0.00, 0.20, 0.17, 0.00
HSL	353°, 100%, 90%
HSV	353°, 20%, 100%
XYZ	74.8292, 69.6258, 71.1232
YIQ	220.6340, 27.8740, 12.4660

# Conversions

## Conversions Part 2

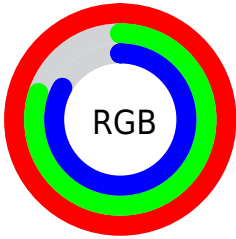
Format	Color
R <sub>Y</sub> B	255, 205, 211
Decimal	16764371
CIE Lab	86.81, 18.53, 3.73
CIE LCh	87, 18.899, 11.387
Yxy	69.6258, 0.3471, 0.3230
Android (android.graphics.Color)	4294954451 (0xFFFFCDD3)
YUV	220.6340, -4.7496, 30.1390
Hunter-Lab	83.4421, 14.0516, 7.8727

# Details

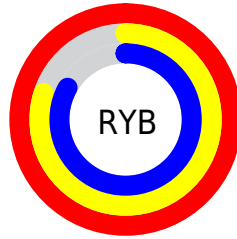
The XYZ color **74.8292, 69.6258, 71.1232** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.0382, 91.3399, 103.1437**, and the grayscale version is **68.4907, 72.0575, 78.4706**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4411, 36.5733, 36.8262** is the 20% darker color. If you saturate the color by 10%, you get **66.5993, 57.3585, 55.4549**, and if you desaturate by 10%, it is **84.4493, 84.0443, 89.1946**.

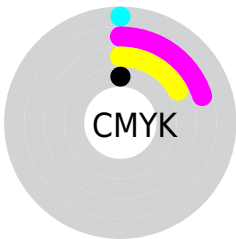
# Distribution



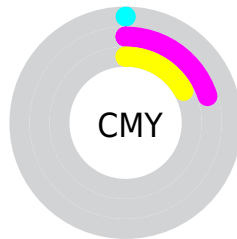
- Red (100%)
- Green (80%)
- Blue (83%)



- Red (100%)
- Yellow (80%)
- Blue (83%)



- Cyan (0%)
- Magenta (20%)
- Yellow (17%)
- Black (0%)




- Cyan (0%)
- Magenta (20%)
- Yellow (17%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8292, 69.6258, 71.1232 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 74.8292, 69.6258, 71.1232 by changing the saturation by 10% instead.




 74.8292, 69.6258,  
71.1232

 74.8292, 69.6258,  
71.1232


466.3365,  
459.2350, 483.3793

 55.7667, 51.2215,  
51.9603


125.0598,  
118.6750, 122.5052

 40.2521, 36.3849,  
36.5914


156.9585,  
150.0886, 155.5614

 27.9203, 24.7316,  
24.5980


193.8667,  
186.6076, 194.0858

 18.4057, 15.8772,  
15.5615

236.1496,  
228.6162, 238.4969

 11.3431, 9.4373,  
9.0634

284.1727,  
276.4988, 289.2132

 6.3671, 5.0275,  
4.6852

338.3014,

 3.1123, 2.2634,

330.6399, 346.6534

2.0083

398.9008,  
391.4239, 411.2359

■ 1.2134, 0.7542,  
0.5604

■ 0.1169, 0.0000,  
0.0000

■ 74.8292, 69.6258,  
71.1232

■ 74.8292, 69.6258,  
71.1232

■ 66.5993, 57.3585,  
55.4549

■ 84.4493, 84.0443,  
89.1946

■ 59.6903, 47.1307,  
42.0840

95.0500, 100.0000,  
108.9000

■ 54.0346, 38.8344,  
30.9035

■ 49.5564, 32.3479,  
21.7961

■ 46.1716, 27.5357,  
14.6335

■ 43.7849, 24.2432,  
9.2730

■ 42.2844, 22.2869,  
5.5518

■ 41.5044, 21.3832,  
3.2685

■ 41.4818, 21.3567,  
3.2034

# Harmonies

## Analogous

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



74.5299, 69.6258, 83.8164



74.8292, 69.6258, 71.1232



72.7349, 69.6258, 60.8826

# Triad

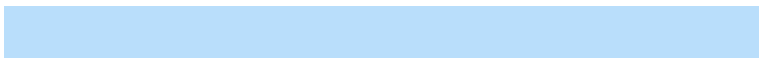
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8292, 69.6258, 71.1232



60.7358, 69.6258, 59.0346



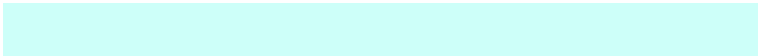
63.5115, 69.6258, 101.1908

# Complementary

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



74.8292, 69.6258, 71.1232



78.0382, 91.3399, 103.1437

# 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.



60.0260, 69.6258, 92.9989



74.8292, 69.6258, 71.1232



58.4732, 69.6258, 68.3317

# Square

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



74.8292, 69.6258, 71.1232



64.5196, 69.6258, 54.4377



58.2193, 69.6258, 80.6997



67.8630, 69.6258, 102.1527



# Rectangle

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



74.8292, 69.6258, 71.1232



70.3153, 69.6258, 56.4539



58.2193, 69.6258, 80.6997



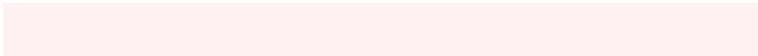
62.2048, 69.6258, 99.1522

# Sweetspot

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



74.8308, 69.6288, 71.1246



88.2690, 89.7866, 96.3168



78.7128, 70.9032, 104.1448



18.7421, 18.9907, 20.3344



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.



74.8308, 69.6288, 71.1246



71.0463, 63.9782, 63.9487



78.7381, 78.6238, 68.7875



18.0980, 18.0225, 19.1330



21.7028, 11.1704, 1.8194



2.1400, 1.0984, 0.3187



# Inverse Universe

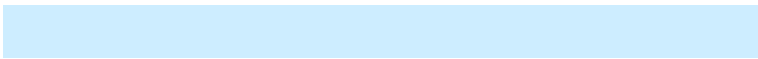
The Inverse Universe completely reimagines the original color for something new.



74.8308, 69.6288, 71.1246



71.0463, 63.9782, 63.9487



73.4170, 80.5768, 106.2911



18.0980, 18.0225, 19.1330



21.7028, 11.1704, 1.8194



2.1400, 1.0984, 0.3187



# Previews

## White Background



This preview shows how the XYZ color 74.8292, 69.6258, 71.1232 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

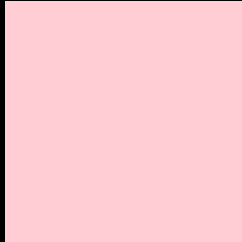
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.8292, 69.6258, 71.1232 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

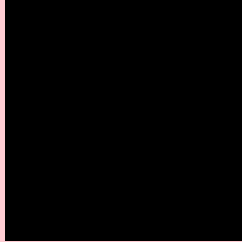
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 74.8292, 69.6258, 71.1232**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.8292, 69.6258, 71.1232.



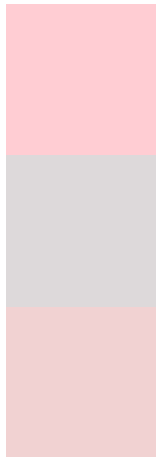
This preview shows how white text looks on a background with the XYZ color 74.8292, 69.6258,

71.1232.

# 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

74.8292, 69.6258, 71.1232

### Protanopia

67.2865, 70.0598, 76.3062

### Deuteranopia

70.9551, 69.4471, 70.6377



## Tritanopia

75.6190, 69.5602, 76.4587

# Trichromacy



## Original Color

74.8292, 69.6258, 71.1232

## Protanomaly

69.6643, 69.8184, 74.0946

## Deuteranomaly

72.1948, 69.3577, 70.5551

## Tritanomaly

75.2275, 69.4036, 74.3971

# Monochromacy



## Original Color

74.8292, 69.6258, 71.1232

## Achromatopsia

68.7264, 72.3055, 78.7407

## Achromatomaly

70.4291, 70.9343, 75.6253

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.8292, 69.6258, 71.1232 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(255, 205, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 211)  
}
```

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(255, 205, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 211) }
```

## Border

The CSS property to change the border of an element to XYZ 74.8292, 69.6258, 71.1232 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(255, 205, 211) }
```



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

```
.border{ border-color:rgb(255, 205, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
211) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.8292, 69.6258, 71.1232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 211) }
```

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

```
.background{ background-color: rgb(255,  
205, 211) }
```

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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