

# Converting Colors

XYZ(74.6480, 70.7023, 74.5009)

Have a look what the booklet for  
XYZ(74.6480, 70.7023, 74.5009)  
contains.

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# Color

**XYZ(74.7342, 70.5788,  
74.6499)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBD0D8
RGB	251, 208, 216
RGB Percent	98%, 82%, 85%
CMY	0.0157, 0.1843, 0.1529
CMYK	0.00, 0.17, 0.14, 0.02
HSL	349°, 84%, 90%
HSV	349°, 17%, 98%
XYZ	74.7342, 70.5788, 74.6499
YIQ	221.7690, 23.0600, 11.6040

# Conversions

## Conversions Part 2

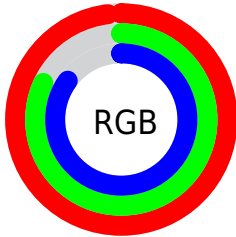
Format	Color
R <sub>Y</sub> B	251, 208, 216
Decimal	16503000
CIE Lab	87.28, 16.32, 1.71
CIE LCh	87, 16.409, 5.997
Yxy	70.5788, 0.3398, 0.3209
Android (android.graphics.Color)	4294693080 (0xFFFBD0D8)
YUV	221.7690, -2.8441, 25.6356
Hunter-Lab	84.0112, 11.7694, 6.1245

# Details

The XYZ color **74.7342, 70.5788, 74.6499** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.6900, 88.8771, 97.9113**, and the grayscale version is **69.2778, 72.8857, 79.3725**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2368, 37.1537, 38.7689** is the 20% darker color. If you saturate the color by 10%, you get **66.6129, 58.3034, 59.7106**, and if you desaturate by 10%, it is **84.1564, 84.9286, 91.6451**.

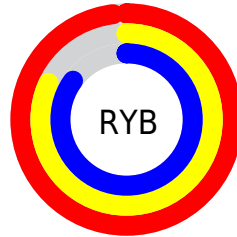
# Distribution



Red (98%)

Green (82%)

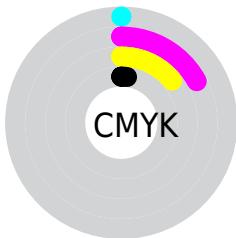
Blue (85%)



Red (98%)

Yellow (82%)

Blue (85%)

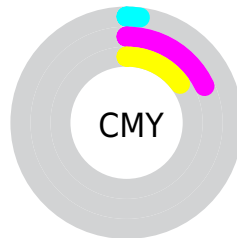


Cyan (0%)

Magenta (17%)

Yellow (14%)

Black (2%)



Cyan (2%)

Magenta (18%)


Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7342, 70.5788, 74.6499 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 74.7342, 70.5788, 74.6499 by changing the saturation by 10% instead.




 74.7342, 70.5788,  
74.6499

 74.7342, 70.5788,  
74.6499


466.0148,  
462.5797, 495.9366

 55.6886, 51.9985,  
54.8261


124.9260,  
120.0338, 127.5592

 40.1893, 37.0039,  
38.8649


156.8028,  
151.6773, 161.4818

 27.8710, 25.2105,  
26.3476


193.6874,  
188.4440, 200.9411

 18.3684, 16.2340,  
16.8558

235.9452,  
230.7184, 246.3556

 11.3161, 9.6899,  
9.9708

283.9415,  
278.8847, 298.1438

 6.3487, 5.1938,  
5.2743

338.0416,

 3.1009, 2.3614,

333.3275, 356.7244

2.3475

398.6109,  
394.4310, 422.5158

■ 1.2074, 0.8059,  
0.7577

■ 0.1122, 0.0000,  
0.0000

■ 74.7342, 70.5788,  
74.6499

■ 74.7342, 70.5788,  
74.6499

■ 66.6129, 58.3034,  
59.7106

■ 84.1564, 84.9286,  
91.6451

■ 59.7291, 47.9974,  
46.7442

■ 93.5940, 99.2494,  
108.8319

■ 54.0229, 39.5606,  
35.6690

■ 49.4271, 32.8803,  
26.3953

■ 45.8677, 27.8318,  
18.8263

■ 43.2611, 24.2735,  
12.8559

■ 41.5105, 22.0397,  
8.3652

■ 40.4943, 20.9187,  
5.2167

■ 40.2906, 20.7121,  
4.5296

# Harmonies

## Analogous

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



74.0903, 70.5788, 85.8182



74.7342, 70.5788, 74.6499



73.2653, 70.5788, 65.0259

# Triad

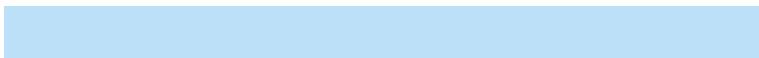
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7342, 70.5788, 74.6499



62.8169, 70.5788, 60.9100



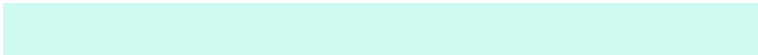
64.1106, 70.5788, 97.9355

# Complementary

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



74.7342, 70.5788, 74.6499



76.6900, 88.8771, 97.9113

# 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.



61.2587, 70.5788, 90.0233



74.7342, 70.5788, 74.6499



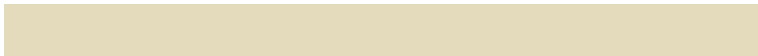
60.5321, 70.5788, 68.5263

# Square

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



74.7342, 70.5788, 74.6499



66.3110, 70.5788, 57.5971



59.9727, 70.5788, 79.0895



67.8611, 70.5788, 99.9722



# Rectangle

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



74.7342, 70.5788, 74.6499



71.3175, 70.5788, 60.5474



59.9727, 70.5788, 79.0895



63.0196, 70.5788, 95.8401

# Sweetspot

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



74.7362, 70.5820, 74.6514



89.4902, 91.4826, 99.0245



76.7261, 71.0282, 100.9335



18.9934, 19.3346, 20.9078



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

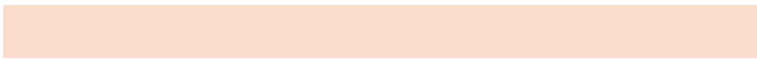
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7362, 70.5820, 74.6514



74.0409, 67.9671, 71.1134



77.0011, 76.7262, 70.4295



17.3764, 17.2779, 18.5721



21.2167, 10.9024, 2.5834



1.9994, 1.0235, 0.4205



# Inverse Universe

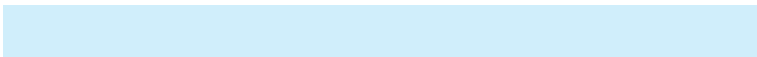
The Inverse Universe completely reimagines the original color for something new.



74.7362, 70.5820, 74.6514



74.0409, 67.9671, 71.1134



74.0312, 81.5846, 103.1131



17.3764, 17.2779, 18.5721



21.2167, 10.9024, 2.5834



1.9994, 1.0235, 0.4205



# Previews

## White Background



This preview shows how the XYZ color 74.7342, 70.5788, 74.6499 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

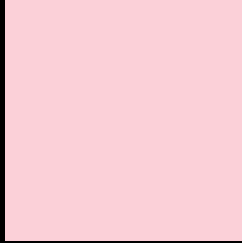
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.7342, 70.5788, 74.6499 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 74.7342, 70.5788, 74.6499**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.7342, 70.5788, 74.6499.



This preview shows how white text looks on a background with the XYZ color 74.7342, 70.5788,

74.6499.

# 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

74.7342, 70.5788, 74.6499

### Protanopia

68.3804, 70.9463, 79.1972

### Deuteranopia

72.0849, 70.6940, 74.1360



## Tritanopia

75.7770, 70.6488, 79.4547

# Trichromacy



## Original Color

74.7342, 70.5788, 74.6499

## Protanomaly

70.5691, 70.5841, 77.6148

## Deuteranomaly

73.2162, 70.9073, 74.1175

## Tritanomaly

75.3760, 70.4884, 77.3430

# Monochromacy



## Original Color

74.7342, 70.5788, 74.6499

## Achromatopsia

69.4303, 73.0461, 79.5472

## Achromatomaly

71.3354, 72.1167, 77.8703

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.7342, 70.5788, 74.6499 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(251, 208, 216)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 216)  
}
```

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(251, 208, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 216) }
```

## Border

The CSS property to change the border of an element to XYZ 74.7342, 70.5788, 74.6499 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(251, 208, 216) }
```



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

```
.border{ border-color:rgb(251, 208, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 216);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
216) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.7342, 70.5788, 74.6499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 216) }
```

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

```
.background{ background-color: rgb(251,  
208, 216) }
```

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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