

# Converting Colors

XYZ(73.5253, 69.8182, 74.3524)

Have a look what the booklet for  
XYZ(73.5253, 69.8182, 74.3524)  
contains.

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# Color

**XYZ(73.6619, 70.0261,  
74.5997)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8D0D8
RGB	248, 208, 216
RGB Percent	97%, 82%, 85%
CMY	0.0274, 0.1843, 0.1529
CMYK	0.00, 0.16, 0.13, 0.03
HSL	348°, 74%, 89%
HSV	348°, 16%, 97%
XYZ	73.6619, 70.0261, 74.5997
YIQ	220.8720, 21.2720, 10.9680

# Conversions

## Conversions Part 2

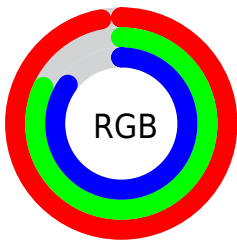
Format	Color
R <sub>Y</sub> B	248, 208, 216
Decimal	16306392
CIE Lab	87.01, 15.27, 1.29
CIE LCh	87, 15.321, 4.822
Yxy	70.0261, 0.3375, 0.3208
Android (android.graphics.Color)	4294496472 (0xFFF8D0D8)
YUV	220.8720, -2.4019, 23.7913
Hunter-Lab	83.6816, 10.6843, 5.7218

# Details

The XYZ color **73.6619, 70.0261, 74.5997** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.3107, 86.8376, 95.2343**, and the grayscale version is **68.6450, 72.2198, 78.6474**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4745, 36.7608, 38.7332** is the 20% darker color. If you saturate the color by 10%, you get **65.6696, 57.9014, 60.0345**, and if you desaturate by 10%, it is **82.9133, 84.1717, 91.1146**.

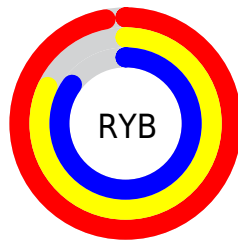
# Distribution



Red (97%)

Green (82%)

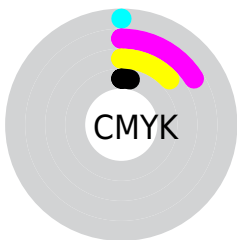
Blue (85%)



Red (97%)

Yellow (82%)

Blue (85%)

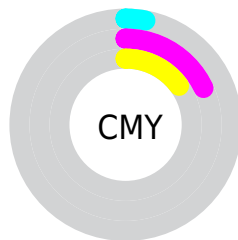


Cyan (0%)

Magenta (16%)

Yellow (13%)

Black (3%)



Cyan (3%)

Magenta (18%)


Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6619, 70.0261, 74.5997 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 73.6619, 70.0261, 74.5997 by changing the saturation by 10% instead.




 73.6619, 70.0261,  
74.5997

 73.6619, 70.0261,  
74.5997


462.3740,  
460.6416, 495.7592

 54.8077, 51.5478,  
54.7853


123.4145,  
119.2460, 127.4874

 39.4810, 36.6448,  
38.8324

155.0435,  
150.7564, 161.3978

 27.3165, 24.9326,  
26.3225


191.6616,  
187.3795, 200.8439

 17.9489, 16.0268,  
16.8372

233.6340,  
229.5000, 246.2443

 11.0128, 9.5431,  
9.9577

281.3260,  
277.5020, 298.0175

 6.1428, 5.0971,  
5.2657

335.1032,

 2.9736, 2.3044,

331.7700, 356.5820

2.3425

395.3307,  
392.6884, 422.3564

■ 1.1398, 0.7760,  
0.7549

■ 0.0580, 0.0000,  
0.0000

■ 73.6619, 70.0261,  
74.5997

■ 73.6619, 70.0261,  
74.5997

■ 65.6696, 57.9014,  
60.0345

■ 82.9133, 84.1717,  
91.1146

■ 58.8757, 47.6962,  
47.3420

■ 92.5217, 98.6966,  
108.7817

■ 53.2234, 39.3144,  
36.4468

■ 48.6486, 32.6481,  
27.2665

■ 45.0810, 27.5775,  
19.7119

■ 42.4414, 23.9678,  
13.6858

■ 40.6386, 21.6613,  
9.0799

■ 39.5610, 20.4632,  
5.7701

■ 39.2783, 20.1833,  
4.7956

# Harmonies

## Analogous

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



72.9897, 70.0261, 84.9528



73.6619, 70.0261, 74.5997



72.3755, 70.0261, 65.5248

# Triad

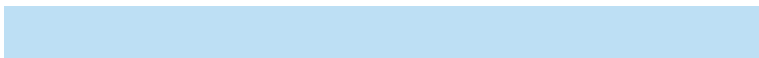
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6619, 70.0261, 74.5997



62.7004, 70.0261, 61.1681



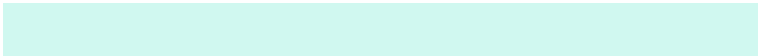
63.6694, 70.0261, 95.5342

# Complementary

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



73.6619, 70.0261, 74.5997



75.3107, 86.8376, 95.2343

# 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.



61.0604, 70.0261, 88.0783



73.6619, 70.0261, 74.5997



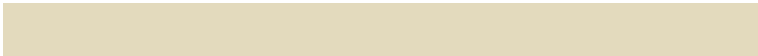
60.5151, 70.0261, 68.1564

# Square

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



73.6619, 70.0261, 74.5997



65.9802, 70.0261, 58.2261



59.9256, 70.0261, 77.9174



67.1386, 70.0261, 97.6471



# Rectangle

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



73.6619, 70.0261, 74.5997



70.6064, 70.0261, 61.2287



59.9256, 70.0261, 77.9174



62.6668, 70.0261, 93.5387

# Sweetspot

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



73.6639, 70.0292, 74.6012



89.5173, 91.4935, 99.1672



75.4365, 70.4176, 98.4236



19.0000, 19.3372, 20.9424



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

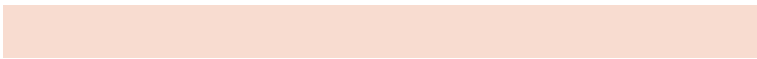
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6639, 70.0292, 74.6012



75.8691, 70.6380, 74.7613



75.6919, 75.6997, 70.3005



17.3865, 17.2819, 18.6248



21.2573, 10.9186, 2.7975



2.0046, 1.0256, 0.4477



# Inverse Universe

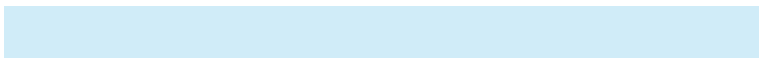
The Inverse Universe completely reimagines the original color for something new.



73.6639, 70.0292, 74.6012



75.8691, 70.6380, 74.7613



72.9536, 80.1804, 100.4388



17.3865, 17.2819, 18.6248



21.2573, 10.9186, 2.7975

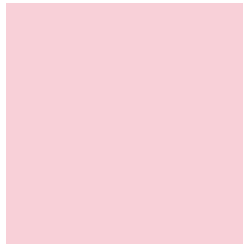


2.0046, 1.0256, 0.4477



# Previews

## White Background



This preview shows how the XYZ color 73.6619, 70.0261, 74.5997 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

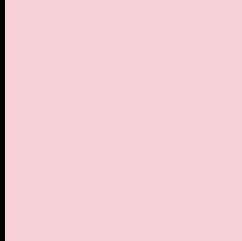
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.6619, 70.0261, 74.5997 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

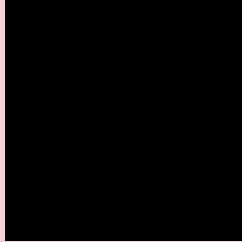
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 73.6619, 70.0261, 74.5997**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.6619, 70.0261, 74.5997.



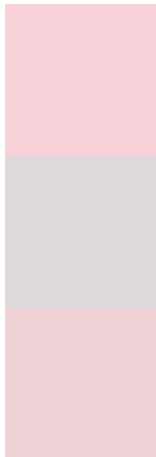
This preview shows how white text looks on a background with the XYZ color 73.6619, 70.0261,



# 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

73.6619, 70.0261, 74.5997

### Protanopia

67.6828, 70.2183, 78.3928

### Deuteranopia

71.4952, 70.0201, 74.0370



## Tritanopia

74.6990, 70.0931, 79.4043

# Trichromacy



## Original Color

73.6619, 70.0261, 74.5997

## Protanomaly

69.7877, 70.1965, 76.8889

## Deuteranomaly

72.2745, 70.0542, 74.0025

## Tritanomaly

74.2980, 69.9327, 77.2926

# Monochromacy



## Original Color

73.6619, 70.0261, 74.5997

## Achromatopsia

68.7264, 72.3055, 78.7407

## Achromatomaly

70.2970, 71.2151, 77.0587

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.6619, 70.0261, 74.5997 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(248, 208, 216)` looks like.

```
.text, #text, p{  
    color:rgb(248, 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(248, 208, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 208, 216) }
```

## Border

The CSS property to change the border of an element to XYZ 73.6619, 70.0261, 74.5997 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(248, 208, 216) }
```



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

```
.border{ border-color:rgb(248, 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(248, 208, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 208, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 208, 216);  
box-shadow:4px 4px 4px 4px rgb(248, 208,  
216) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.6619, 70.0261, 74.5997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 208, 216) }
```

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

```
.background{ background-color: rgb(248,  
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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