

Converting Colors

XYZ(74.3575, 63.8019, 93.0884)

Have a look what the booklet for
XYZ(74.3575, 63.8019, 93.0884)
contains.

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Color

**XYZ(74.3748, 63.8072,
93.1901)**

Conversions

Conversions Part 1

Format	Color
Hex	FBBEF3
RGB	251, 190, 243
RGB Percent	98%, 75%, 95%
CMY	0.0157, 0.2549, 0.0471
CMYK	0.00, 0.24, 0.03, 0.02
HSL	308°, 88%, 86%
HSV	308°, 24%, 98%
XYZ	74.3748, 63.8072, 93.1901
YIQ	214.2810, 19.3430, 29.4150

Conversions

Conversions Part 2

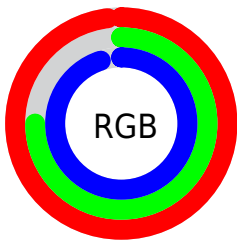
Format	Color
R _Y B	251, 190, 243
Decimal	16498419
CIE Lab	83.87, 30.30, -17.71
CIE LCh	84, 35.092, 329.695
Yxy	63.8072, 0.3215, 0.2758
Android (android.graphics.Color)	4294688499 (0xFFFBBEF3)
YUV	214.2810, 14.1585, 32.2026
Hunter-Lab	79.8794, 26.4103, -13.2542

Details

The XYZ color **74.3748, 63.8072, 93.1901** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.9280, 84.0207, 66.1725**, and the grayscale version is **64.0059, 67.3391, 73.3323**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **40.0219, 32.6655, 51.2094** is the 20% darker color. If you saturate the color by 10%, you get **68.9073, 53.6597, 88.9372**, and if you desaturate by 10%, it is **80.7912, 75.8362, 97.8047**.

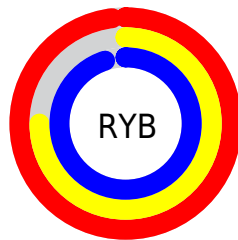
Distribution



Red (98%)

Green (75%)

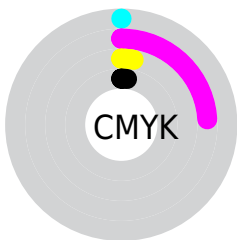
Blue (95%)



Red (98%)

Yellow (75%)

Blue (95%)

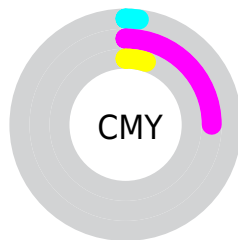


Cyan (0%)

Magenta (24%)

Yellow (3%)

Black (2%)



Cyan (2%)

Magenta (25%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3748, 63.8072, 93.1901 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 74.3748, 63.8072, 93.1901 by changing the saturation by 10% instead.

74.3748, 63.8072,
93.1901

74.3748, 63.8072,
93.1901

464.7963,
438.4931, 559.1900

55.3932, 46.4945,
70.0410

124.4196,
110.3332, 153.7358

39.9517, 32.6362,
51.0829

156.2136,
140.3154, 191.9694

27.6849, 21.8479,
35.8974

193.0090,
175.2895, 236.0682

18.2275, 13.7452,
24.0659

235.1713,
215.6399, 286.4509

11.2142, 7.9437,
15.1699

283.0659,
261.7511, 343.5358

6.2794, 4.0589,
8.7907


337.0580,


3.0580, 1.7066,


314.0074, 407.7416


4.5100


397.5130,
372.7933, 479.4869


 1.1845, 0.4279,
1.9091


 0.0941, 0.0000,
0.4985


 74.3748, 63.8072,
93.1901


 74.3748, 63.8072,
93.1901

 68.9073, 53.6597,
88.9372


 80.7912, 75.8362,
97.8047

 64.3349, 45.2892,
85.0257

 88.1954, 89.8272,
102.7921

 60.6072, 38.5942,
81.4393

 93.2544, 99.1136,
107.0422

 57.6666, 33.4592,
78.1585

 93.5942, 99.2495,
108.8319

■ 55.4480, 29.7542,
75.1615

■ 53.8759, 27.3284,
72.4229

■ 52.8578, 25.9968,
69.9115

■ 52.4495, 25.5756,
68.5566

Harmonies

Analogous

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



68.2952, 63.8072, 113.2939



74.3748, 63.8072, 93.1901



76.7210, 63.8072, 69.7016

Triad

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



74.3748, 63.8072, 93.1901



60.7258, 63.8072, 35.0662



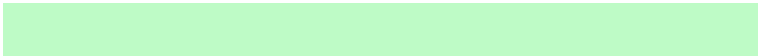
48.6532, 63.8072, 92.7145

Complementary

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



74.3748, 63.8072, 93.1901



65.9280, 84.0207, 66.1725

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.



46.9910, 63.8072, 69.2493



74.3748, 63.8072, 93.1901



53.5919, 63.8072, 38.7223

Square

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



74.3748, 63.8072, 93.1901



68.4434, 63.8072, 38.8757



48.7214, 63.8072, 50.1691



53.4660, 63.8072, 112.9809

Rectangle

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



74.3748, 63.8072, 93.1901



75.7108, 63.8072, 56.1201



48.7214, 63.8072, 50.1691



47.7266, 63.8072, 84.7969

Sweetspot

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



74.3767, 63.8100, 93.1915



89.2429, 88.9854, 105.1160



58.8854, 55.6813, 98.9120



18.9997, 18.8537, 22.4313



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.



74.3767, 63.8100, 93.1915



74.3014, 60.9390, 94.4733



70.2584, 62.1627, 71.5045



17.8893, 17.4831, 21.2729



27.6082, 13.4590, 36.2409



2.5834, 1.2571, 3.4955

Inverse Universe

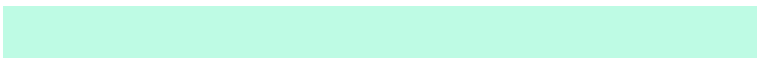
The Inverse Universe completely reimagines the original color for something new.



74.3767, 63.8100, 93.1915



74.3014, 60.9390, 94.4733



69.6851, 85.5235, 85.9572



17.8893, 17.4831, 21.2729



27.6082, 13.4590, 36.2409



2.5834, 1.2571, 3.4955

Previews

White Background



This preview shows how the XYZ color 74.3748, 63.8072, 93.1901 looks on a white background.

Color Contrast Check

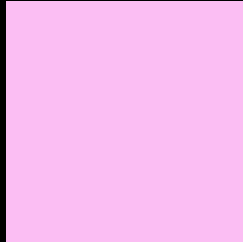
Large Text (above 18pt) WCAG AA × Fail

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 74.3748, 63.8072, 93.1901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

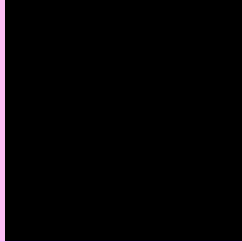
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3748, 63.8072, 93.1901

Background



This preview shows how black text looks on a background with the XYZ color 74.3748, 63.8072, 93.1901.



This preview shows how white text looks on a background with the XYZ color 74.3748, 63.8072,

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

74.3748, 63.8072, 93.1901

Protanopia

63.9160, 63.9878, 103.5899

Deuteranopia

65.3454, 63.9241, 91.3326



Tritanopia

69.8556, 63.9572, 70.2912

Trichromacy



Original Color

74.3748, 63.8072, 93.1901



Protanomaly

67.2127, 63.6437, 100.0088



Deuteranomaly

68.2955, 63.6917, 91.9133



Tritanomaly

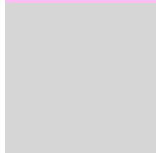
71.3225, 63.8677, 78.3806

Monochromacy



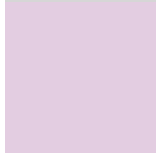
Original Color

74.3748, 63.8072, 93.1901



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

67.1005, 65.4298, 80.3268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3748, 63.8072, 93.1901 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, 190, 243)` looks like.

```
.text, #text, p{  
    color:rgb(251, 190, 243)  
}
```

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, 190, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 190, 243) }
```

Border

The CSS property to change the border of an element to XYZ 74.3748, 63.8072, 93.1901 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, 190, 243) }
```


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

```
.border{ border-color:rgb(251, 190, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 190, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 190, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 190, 243);  
box-shadow:4px 4px 4px 4px rgb(251, 190,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3748, 63.8072, 93.1901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 190, 243) }
```

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

```
.background{ background-color: rgb(251,  
190, 243) }
```

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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