

Converting Colors

XYZ(74.3958, 63.6184, 93.2421)

Have a look what the booklet for
XYZ(74.3958, 63.6184, 93.2421)
contains.

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Color

**XYZ(74.1589, 63.3755,
93.1181)**

Conversions

Conversions Part 1

Format	Color
Hex	FBBDF3
RGB	251, 189, 243
RGB Percent	98%, 74%, 95%
CMY	0.0157, 0.2588, 0.0471
CMYK	0.00, 0.25, 0.03, 0.02
HSL	308°, 89%, 86%
HSV	308°, 25%, 98%
XYZ	74.1589, 63.3755, 93.1181
YIQ	213.6940, 19.6180, 29.9380

Conversions

Conversions Part 2

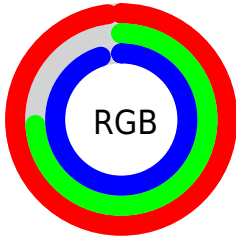
Format	Color
R _Y B	251, 189, 243
Decimal	16498163
CIE Lab	83.64, 30.82, -18.05
CIE LCh	84, 35.718, 329.650
Yxy	63.3755, 0.3215, 0.2748
Android (android.graphics.Color)	4294688243 (0xFFFBBDF3)
YUV	213.6940, 14.4479, 32.7174
Hunter-Lab	79.6087, 26.9650, -13.6252

Details

The XYZ color **74.1589, 63.3755, 93.1181** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.5640, 83.8463, 65.5553**, and the grayscale version is **63.6094, 66.9220, 72.8780**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **39.8817, 32.3851, 51.1627** is the 20% darker color. If you saturate the color by 10%, you get **68.7356, 53.3038, 88.9188**, and if you desaturate by 10%, it is **80.5290, 75.3248, 97.6770**.

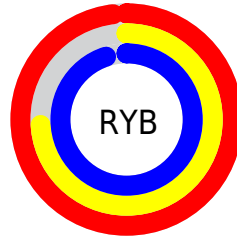
Distribution



Red (98%)

Green (74%)

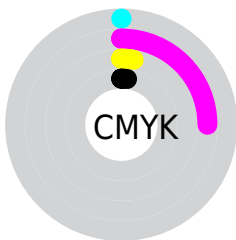
Blue (95%)



Red (98%)

Yellow (74%)

Blue (95%)

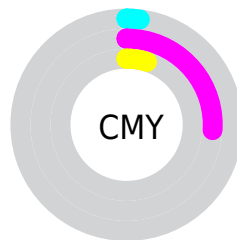


Cyan (0%)

Magenta (25%)

Yellow (3%)

Black (2%)



Cyan (2%)

Magenta (26%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1589, 63.3755, 93.1181 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 74.1589, 63.3755, 93.1181 by changing the saturation by 10% instead.

74.1589, 63.3755,
93.1181

74.1589, 63.3755,
93.1181

464.0634,
436.9310, 558.9523

55.2158, 46.1451,
69.9815

124.1153,
109.7111, 153.6352

39.8091, 32.3603,
51.0347

155.8594,
139.5850, 191.8528

27.5733, 21.6369,
35.8593

192.6012,
174.4421, 235.9344

18.1430, 13.5903,
24.0367

234.7061,
214.6670, 286.2986

11.1530, 7.8363,
15.1484

282.5394,
260.6439, 343.3640

6.2379, 3.9904,
8.7758

336.4665,

3.0323, 1.6682,

312.7573, 407.5490

4.5004

396.8527,
371.3915, 479.2723

■ 1.1709, 0.4029,
1.9037

■ 0.0832, 0.0000,
0.4951

■ 74.1589, 63.3755,
93.1181

■ 74.1589, 63.3755,
93.1181

■ 68.7356, 53.3038,
88.9188

■ 80.5290, 75.3248,
97.6770

■ 64.2051, 45.0050,
85.0587

■ 87.8848, 89.2327,
102.6066

■ 60.5169, 38.3772,
81.5216

■ 93.2289, 99.1034,
106.9086

■ 57.6130, 33.3044,
78.2878

■ 93.5942, 99.2495,
108.8319

■ 55.4281, 29.6560,
75.3354

■ 53.8861, 27.2801,
72.6388

■ 52.8937, 25.9899,
70.1667

■ 52.5191, 25.6035,
68.9234

Harmonies

Analogous

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



67.9814, 63.3755, 113.5773



74.1589, 63.3755, 93.1181



76.5497, 63.3755, 69.2684

Triad

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



74.1589, 63.3755, 93.1181



60.3283, 63.3755, 34.2927



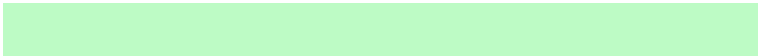
48.0967, 63.3755, 92.5632

Complementary

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



74.1589, 63.3755, 93.1181



65.5640, 83.8463, 65.5553

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.



46.4230, 63.3755, 68.7426



74.1589, 63.3755, 93.1181



53.1034, 63.3755, 37.9510

Square

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



74.1589, 63.3755, 93.1181



68.1539, 63.3755, 38.1277



48.1757, 63.3755, 49.4617



52.9573, 63.3755, 113.2112

Rectangle

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



74.1589, 63.3755, 93.1181



75.5278, 63.3755, 55.5197



48.1757, 63.3755, 49.4617



47.1624, 63.3755, 84.5146

Sweetspot

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



74.1608, 63.3783, 93.1194



89.2489, 88.9878, 105.1477



58.4387, 55.1306, 98.8291



19.0011, 18.8542, 22.4386



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.



74.1608, 63.3783, 93.1194



73.7611, 59.9005, 94.1630



69.9642, 61.6996, 71.0200



17.8910, 17.4837, 21.2816



27.6443, 13.4735, 36.4311



2.5864, 1.2583, 3.5113

Inverse Universe

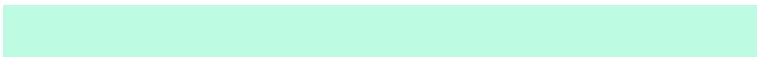
The Inverse Universe completely reimagines the original color for something new.



74.1608, 63.3783, 93.1194



73.7611, 59.9005, 94.1630



69.3831, 85.3739, 85.6662



17.8910, 17.4837, 21.2816



27.6443, 13.4735, 36.4311



2.5864, 1.2583, 3.5113

Previews

White Background



This preview shows how the XYZ color 74.1589, 63.3755, 93.1181 looks on a white background.

Color Contrast Check

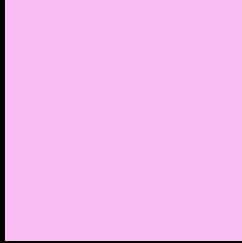
Large Text (above 18pt) WCAG AA × Fail

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 74.1589, 63.3755, 93.1181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

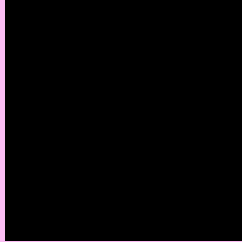
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.1589, 63.3755, 93.1181

Background



This preview shows how black text looks on a background with the XYZ color 74.1589, 63.3755, 93.1181.



This preview shows how white text looks on a background with the XYZ color 74.1589, 63.3755,

93.1181.

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

74.1589, 63.3755, 93.1181

Protanopia

63.6515, 63.8514, 103.5775

Deuteranopia

65.0526, 63.7731, 91.3189



Tritanopia

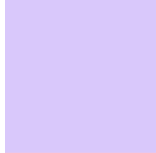
69.5057, 63.4575, 69.5579

Trichromacy



Original Color

74.1589, 63.3755, 93.1181



Protanomaly

66.6821, 63.0253, 99.9174



Deuteranomaly

67.9792, 63.5286, 91.8984



Tritanomaly

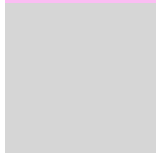
70.9662, 63.3703, 77.5986

Monochromacy



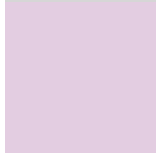
Original Color

74.1589, 63.3755, 93.1181



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 74.1589, 63.3755, 93.1181 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, 189, 243)` looks like.

```
.text, #text, p{  
    color:rgb(251, 189, 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, 189, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 189, 243) }
```

Border

The CSS property to change the border of an element to XYZ 74.1589, 63.3755, 93.1181 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, 189, 243) }
```


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

```
.border{ border-color:rgb(251, 189, 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, 189, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 189, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 189, 243);  
box-shadow:4px 4px 4px 4px rgb(251, 189,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1589, 63.3755, 93.1181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 189, 243) }
```

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

```
.background{ background-color: rgb(251,  
189, 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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