

# Converting Colors

XYZ(71.2347, 60.5215, 83.2786)

Have a look what the booklet for  
XYZ(71.2347, 60.5215, 83.2786)  
contains.

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# Color

**XYZ(71.3480, 60.5597,  
83.5301)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBB8E7
RGB	251, 184, 231
RGB Percent	98%, 72%, 91%
CMY	0.0157, 0.2784, 0.0941
CMYK	0.00, 0.27, 0.08, 0.02
HSL	318°, 89%, 85%
HSV	318°, 27%, 98%
XYZ	71.3480, 60.5597, 83.5301
YIQ	209.3910, 24.8450, 28.8210

# Conversions

## Conversions Part 2

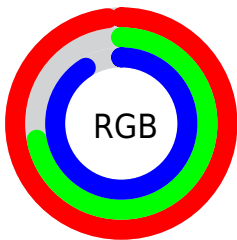
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	251, 184, 231
Decimal	16496871
CIE Lab	82.14, 31.39, -13.88
CIE LCh	82, 34.321, 336.150
Yxy	60.5597, 0.3312, 0.2811
Android (android.graphics.Color)	4294686951 (0xFFFBB8E7)
YUV	209.3910, 10.6532, 36.4911
Hunter-Lab	77.8201, 27.4694, -9.1663

# Details

The XYZ color **71.3480, 60.5597, 83.5301** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.1659, 83.5462, 69.8218**, and the grayscale version is **60.7824, 63.9478, 69.6391**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **37.9686, 30.5297, 44.4491** is the 20% darker color. If you saturate the color by 10%, you get **65.5540, 50.6284, 76.4889**, and if you desaturate by 10%, it is **78.1160, 72.3645, 91.1208**.

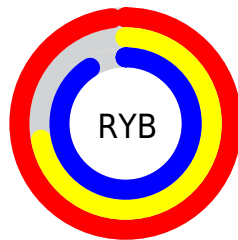
# Distribution



Red (98%)

Green (72%)

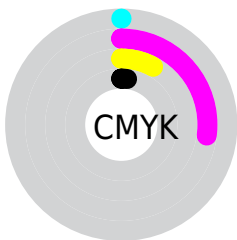
Blue (91%)



Red (98%)

Yellow (72%)

Blue (91%)

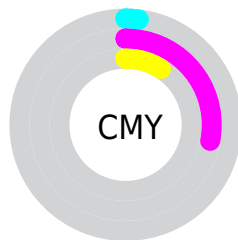


Cyan (0%)

Magenta (27%)

Yellow (8%)

Black (2%)



Cyan (2%)

Magenta (28%)


Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3480, 60.5597, 83.5301 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 71.3480, 60.5597, 83.5301 by changing the saturation by 10% instead.





 71.3480, 60.5597,  
83.5301

 71.3480, 60.5597,  
83.5301


454.4620,  
426.6577, 526.7687

 52.9098, 43.8699,  
62.0844


 120.1449,  
105.6412, 140.1735

 37.9580, 30.5683,  
44.6647


151.2344,  
134.8016, 176.2083

 26.1271, 20.2703,  
30.8524


187.2716,  
168.8878, 217.9433

 17.0519, 12.5917,  
20.2289

228.6220,  
208.2840, 265.7969

 10.3671, 7.1480,  
12.3758

275.6508,  
253.3748, 320.1877

 5.7071, 3.5548,  
6.8745

328.7235,

 2.7068, 1.4278,

304.5444, 381.5342

3.3065

388.2055,  
362.1772, 450.2551

■ 1.0007, 0.2371,  
1.2532

■ 0.0000, 0.0000,  
0.0230

■ 71.3480, 60.5597,  
83.5301

■ 71.3480, 60.5597,  
83.5301

■ 65.5540, 50.6284,  
76.4889

■ 78.1160, 72.3645,  
91.1208

■ 60.6790, 42.4646,  
69.9742

■ 85.8983, 86.1255,  
99.2753

■ 56.6709, 35.9638,  
63.9665

■ 93.3505, 99.1520,  
107.5486

■ 53.4699, 31.0074,  
58.4429

■ 93.5942, 99.2495,  
108.8319

■ 51.0083, 27.4610,  
53.3779

■ 49.2068, 25.1668,  
48.7422

■ 47.9655, 23.9262,  
44.4994

■ 47.6276, 23.6469,  
43.1647

# Harmonies

## Analogous

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



66.2264, 60.5597, 103.9340



71.3480, 60.5597, 83.5301



72.6433, 60.5597, 61.7338

# Triad

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



71.3480, 60.5597, 83.5301



56.0724, 60.5597, 33.5508



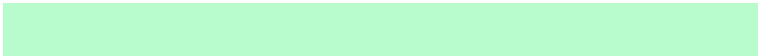
46.9724, 60.5597, 92.5525

# Complementary

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



71.3480, 60.5597, 83.5301



65.1659, 83.5462, 69.8218

# 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.



44.7243, 60.5597, 70.3314



71.3480, 60.5597, 83.5301



49.6850, 60.5597, 38.5571

# Square

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



71.3480, 60.5597, 83.5301



63.4130, 60.5597, 35.6290



45.6740, 60.5597, 51.0095



52.0791, 60.5597, 109.8647



# Rectangle

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



71.3480, 60.5597, 83.5301



71.0742, 60.5597, 49.7899



45.6740, 60.5597, 51.0095



45.8779, 60.5597, 85.2499

# Sweetspot

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



71.3498, 60.5624, 83.5314



87.9188, 87.2818, 101.7622



59.1797, 53.9433, 98.5609



18.5481, 18.2025, 21.5032



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.



71.3498, 60.5624, 83.5314



70.6334, 57.0500, 82.6240



67.1791, 58.8941, 61.5689



17.7593, 17.4311, 20.5885



25.1020, 12.4565, 23.0432



2.3716, 1.1724, 2.3801



# Inverse Universe

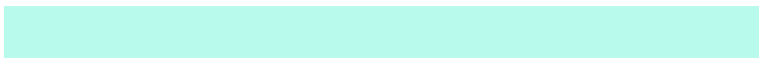
The Inverse Universe completely reimagines the original color for something new.



71.3498, 60.5624, 83.5314



70.6334, 57.0500, 82.6240



69.4771, 85.2707, 92.5244



17.7593, 17.4311, 20.5885



25.1020, 12.4565, 23.0432



2.3716, 1.1724, 2.3801



# Previews

## White Background



This preview shows how the XYZ color 71.3480, 60.5597, 83.5301 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

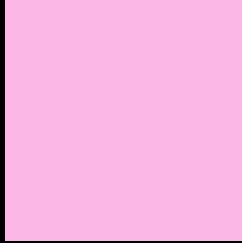
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 71.3480, 60.5597, 83.5301 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

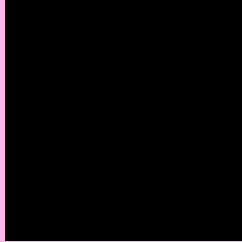
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 71.3480, 60.5597, 83.5301

## Background



This preview shows how black text looks on a background with the XYZ color 71.3480, 60.5597, 83.5301.



This preview shows how white text looks on a background with the XYZ color 71.3480, 60.5597,



# 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

71.3480, 60.5597, 83.5301

### Protanopia

60.2985, 60.9187, 93.3744

### Deuteranopia

62.1586, 60.7444, 81.8475



## Tritanopia

67.3349, 60.4811, 64.6250

# Trichromacy



## Original Color

71.3480, 60.5597, 83.5301



## Protanomaly

63.6388, 60.3108, 89.9484



## Deuteranomaly

65.1132, 60.5716, 82.3884



## Tritanomaly

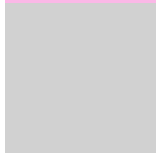
68.4920, 60.3012, 70.9802

# Monochromacy



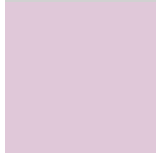
## Original Color

71.3480, 60.5597, 83.5301



## Achromatopsia

60.6036, 63.7597, 69.4343



## Achromatomaly

63.9191, 62.1656, 74.2759

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 71.3480, 60.5597, 83.5301 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, 184, 231)` looks like.

```
.text, #text, p{  
    color:rgb(251, 184, 231)  
}
```

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, 184, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 184, 231) }
```

## Border

The CSS property to change the border of an element to XYZ 71.3480, 60.5597, 83.5301 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, 184, 231) }
```



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

```
.border{ border-color:rgb(251, 184, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 184, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 184, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 184, 231);  
box-shadow:4px 4px 4px 4px rgb(251, 184,  
231) }
```

# Background

The CSS property to change the background color of an element to XYZ 71.3480, 60.5597, 83.5301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 184, 231) }
```

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

```
.background{ background-color: rgb(251,  
184, 231) }
```

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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