

Converting Colors

XYZ(77.0481, 71.5266, 86.8777)

Have a look what the booklet for
XYZ(77.0481, 71.5266, 86.8777)
contains.

XYZ(77.0475, 71.5042, 86.8316)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(77.0475, 71.5042,
86.8316)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD0E9
RGB	251, 208, 233
RGB Percent	98%, 82%, 91%
CMY	0.0157, 0.1843, 0.0863
CMYK	0.00, 0.17, 0.07, 0.02
HSL	325°, 84%, 90%
HSV	325°, 17%, 98%
XYZ	77.0475, 71.5042, 86.8316
YIQ	223.7070, 17.6030, 16.8910

Conversions

Conversions Part 2

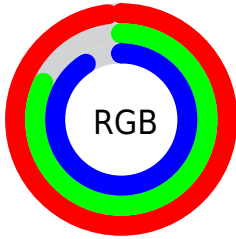
Format	Color
R_{YB}	251, 208, 233
Decimal	16503017
CIE Lab	87.73, 19.10, -6.62
CIE LCh	88, 20.212, 340.868
Yxy	71.5042, 0.3273, 0.3038
Android (android.graphics.Color)	4294693097 (0xFFFB0E9)
YUV	223.7070, 4.5814, 23.9360
Hunter-Lab	84.5602, 14.6611, -1.6905

Details

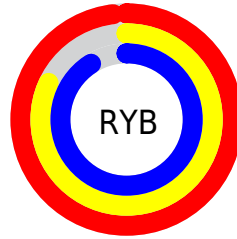
The XYZ color **77.0475, 71.5042, 86.8316** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.2399, 87.8971, 85.0087**, and the grayscale version is **70.6037, 74.2806, 80.8916**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5752, 37.4261, 46.6277** is the 20% darker color. If you saturate the color by 10%, you get **69.9492, 59.6380, 77.2789**, and if you desaturate by 10%, it is **85.2077, 85.3492, 97.1810**.

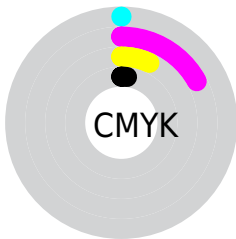
Distribution



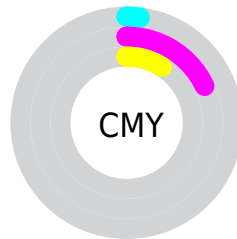
- Red (98%)
- Green (82%)
- Blue (91%)



- Red (98%)
- Yellow (82%)
- Blue (91%)



- Cyan (0%)
- Magenta (17%)
- Yellow (7%)
- Black (2%)



- Cyan (2%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0475, 71.5042, 86.8316 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 77.0475, 71.5042, 86.8316 by changing the saturation by 10% instead.

77.0475, 71.5042,
86.8316

77.0475, 71.5042,
86.8316

473.8154,
465.8141, 537.9712

57.5919, 52.7538,
64.7970

128.1790,
121.3514, 144.8262

41.7227, 37.6062,
46.8462

160.5857,
153.2169, 181.6233

29.0743, 25.6772,
32.5606

198.0400,
190.2229, 224.1783

19.2816, 16.5823,
21.5217

240.9075,
232.7538, 272.9098

11.9792, 9.9372,
13.3109

289.5534,
281.1940, 328.2363

6.8016, 5.3573,
7.5098

344.3432,

3.3836, 2.4584,

335.9278, 390.5763

3.6997

405.6420,
397.3397, 460.3484

■ 1.3597, 0.8557,
1.4621

■ 0.2272, 0.0000,
0.1894

■ 77.0475, 71.5042,
86.8316

■ 77.0475, 71.5042,
86.8316

■ 69.9492, 59.6380,
77.2789

■ 85.2077, 85.3492,
97.1810

■ 63.8596, 49.6496,
68.4951

■ 93.4363, 99.1863,
108.0009

■ 58.7302, 41.4435,
60.4570

■ 93.5941, 99.2494,
108.8319

■ 54.5057, 34.9118,
53.1381

■ 51.1249, 29.9346,
46.5099

■ 48.5185, 26.3764,
40.5407

■ 46.6055, 24.0776,
35.1946

■ 45.2820, 22.8337,
30.4279

■ 44.9662, 22.5823,
29.1504

Harmonies

Analogous

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



74.1734, 71.5042, 99.5718



77.0475, 71.5042, 86.8316



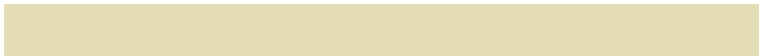
77.4219, 71.5042, 72.9843

Triad

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



77.0475, 71.5042, 86.8316



66.2396, 71.5042, 54.7038



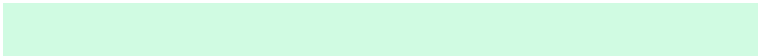
61.2282, 71.5042, 96.4361

Complementary

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



77.0475, 71.5042, 86.8316



74.2399, 87.8971, 85.0087

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.



59.3070, 71.5042, 82.9396



77.0475, 71.5042, 86.8316



62.1085, 71.5042, 59.5519

Square

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



77.0475, 71.5042, 86.8316



71.0284, 71.5042, 55.4856



59.6215, 71.5042, 69.5211



64.9864, 71.5042, 105.5516

Rectangle

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



77.0475, 71.5042, 86.8316



76.1848, 71.5042, 65.0831



59.6215, 71.5042, 69.5211



60.3543, 71.5042, 92.1992

Sweetspot

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



77.0496, 71.5074, 86.8331



90.2690, 91.7941, 103.1254



71.3092, 68.2357, 100.6801



19.1824, 19.4102, 21.9030



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.



77.0496, 71.5074, 86.8331



76.8799, 69.1027, 86.0638



74.1733, 70.3568, 71.6867



17.6678, 17.3945, 20.1063



23.7101, 11.8998, 15.7139



2.2488, 1.1233, 1.7338

Inverse Universe

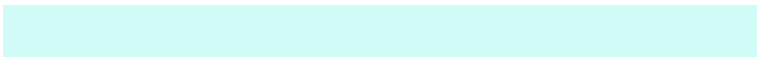
The Inverse Universe completely reimagines the original color for something new.



77.0496, 71.5074, 86.8331



76.8799, 69.1027, 86.0638



77.3648, 89.1471, 101.4640



17.6678, 17.3945, 20.1063



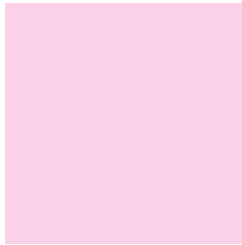
23.7101, 11.8998, 15.7139



2.2488, 1.1233, 1.7338

Previews

White Background



This preview shows how the XYZ color 77.0475, 71.5042, 86.8316 looks on a white background.

Color Contrast Check

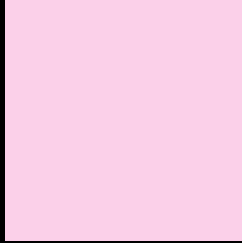
Large Text (above 18pt) WCAG AA × Fail

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 77.0475, 71.5042, 86.8316 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 77.0475, 71.5042, 86.8316

Background



This preview shows how black text looks on a background with the XYZ color 77.0475, 71.5042, 86.8316.



This preview shows how white text looks on a background with the XYZ color 77.0475, 71.5042,

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

77.0475, 71.5042, 86.8316

Protanopia

69.9731, 71.8597, 92.6204

Deuteranopia

73.2041, 71.7522, 86.3352



Tritanopia

75.9523, 71.4159, 81.7330

Trichromacy



Original Color

77.0475, 71.5042, 86.8316

Protanomaly

72.2196, 71.5383, 90.1227

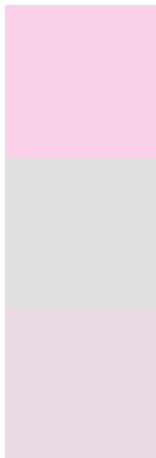
Deuteranomaly

74.3846, 71.6139, 86.2463

Tritanomaly

76.3677, 71.5821, 83.9205

Monochromacy



Original Color

77.0475, 71.5042, 86.8316

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.8682, 73.1813, 82.9579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0475, 71.5042, 86.8316 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 233) }
```

Border

The CSS property to change the border of an element to XYZ 77.0475, 71.5042, 86.8316 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, 233) }
```


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

```
.border{ border-color:rgb(251, 208, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 233);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0475, 71.5042, 86.8316 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, 233) }
```

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

```
.background{ background-color: rgb(251,  
208, 233) }
```

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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