

Converting Colors

XYZ(79.0889, 73.6001, 84.4886)

Have a look what the booklet for
XYZ(79.0889, 73.6001, 84.4886)
contains.

XYZ(78.6771, 73.5057, 84.1700)	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(78.6771, 73.5057,
84.1700)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3E5
RGB	255, 211, 229
RGB Percent	100%, 83%, 90%
CMY	0.0000, 0.1725, 0.1020
CMYK	0.00, 0.17, 0.10, 0.00
HSL	335°, 100%, 91%
HSV	335°, 17%, 100%
XYZ	78.6771, 73.5057, 84.1700
YIQ	226.2080, 20.4460, 14.9260

Conversions

Conversions Part 2

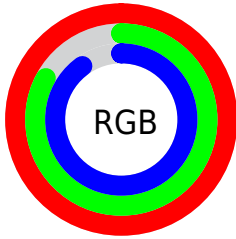
Format	Color
R _Y B	255, 211, 229
Decimal	16765925
CIE Lab	88.69, 18.23, -3.06
CIE LCh	89, 18.480, 350.481
Yxy	73.5057, 0.3329, 0.3110
Android (android.graphics.Color)	4294956005 (0xFFFFD3E5)
YUV	226.2080, 1.3765, 25.2506
Hunter-Lab	85.7355, 13.7675, 1.8074

Details

The XYZ color **78.6771, 73.5057, 84.1700** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.9125, 91.4845, 93.6762**, and the grayscale version is **72.4207, 76.1923, 82.9734**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8172, 38.8387, 45.2843** is the 20% darker color. If you saturate the color by 10%, you get **70.8239, 61.0216, 71.6183**, and if you desaturate by 10%, it is **87.7213, 88.0787, 98.0218**.

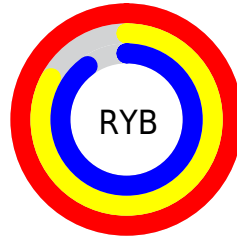
Distribution



Red (100%)

Green (83%)

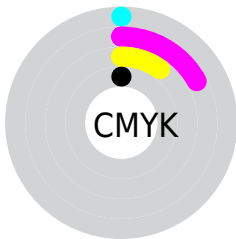
Blue (90%)



Red (100%)

Yellow (83%)

Blue (90%)

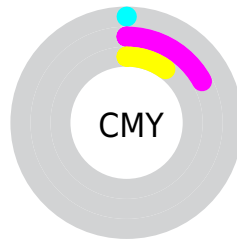


Cyan (0%)

Magenta (17%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.6771, 73.5057, 84.1700 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 78.6771, 73.5057, 84.1700 by changing the saturation by 10% instead.


 78.6771, 73.5057,
84.1700

 78.6771, 73.5057,
84.1700


479.2680,
472.7656, 528.9504

 58.9351, 54.3896,
62.6096


130.4645,
124.1949, 141.0768

 42.8070, 38.9132,
45.0865


163.2406,
156.5367, 177.2603

 29.9276, 26.6922,
31.1821


201.0921,
194.0558, 219.1552

 19.9314, 17.3422,
20.4779

244.3843,
237.1367, 267.1801

 12.4532, 10.4788,
12.5554

293.4827,
286.1637, 321.7536

 7.1275, 5.7175,
6.9960

348.7525,

 3.5890, 2.6741,

341.5213, 383.2940

3.3812

410.5592,
403.5938, 452.2201

■ 1.4724, 0.9641,
1.2924

■ 0.3069, 0.0000,
0.0556

■ 78.6771, 73.5057,
84.1700

■ 78.6771, 73.5057,
84.1700

■ 70.8239, 61.0216,
71.6183

■ 87.7213, 88.0787,
98.0218

■ 64.1047, 50.5209,
60.3219

95.0500, 100.0000,
108.9000

■ 58.4653, 41.9025,
50.2402

■ 53.8448, 35.0528,
41.3281

■ 50.1761, 29.8458,
33.5372

■ 47.3833, 26.1387,
26.8151

■ 45.3777, 23.7635,
21.1035

■ 44.0466, 22.5043,
16.3343

■ 43.7542, 22.2657,
15.1697

Harmonies

Analogous

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



76.6980, 73.5057, 96.7198



78.6771, 73.5057, 84.1700



78.2186, 73.5057, 71.7381

Triad

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



78.6771, 73.5057, 84.1700



66.9044, 73.5057, 59.1440



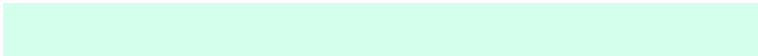
64.5439, 73.5057, 100.5363

Complementary

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



78.6771, 73.5057, 84.1700



77.9125, 91.4845, 93.6762

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.



62.1283, 73.5057, 88.9486



78.6771, 73.5057, 84.1700



63.4503, 73.5057, 65.3890

Square

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



78.6771, 73.5057, 84.1700



71.2942, 73.5057, 58.1561



61.7367, 73.5057, 76.0381



68.4550, 73.5057, 106.8106

Rectangle

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



78.6771, 73.5057, 84.1700



76.5995, 73.5057, 65.1131



61.7367, 73.5057, 76.0381



63.5372, 73.5057, 97.0788

Sweetspot

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



78.6788, 73.5088, 84.1715



89.9270, 91.6574, 101.3246



76.1605, 71.7592, 104.4446



19.0993, 19.3769, 21.4655



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

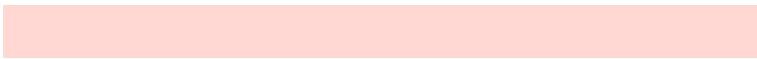
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.6788, 73.5088, 84.1715



75.5988, 68.5902, 79.3174



77.2157, 74.3976, 71.9225



18.3174, 18.1103, 20.2884



22.9322, 11.6622, 8.2932



2.2854, 1.1565, 1.0845

Inverse Universe

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



78.6788, 73.5088, 84.1715



75.5988, 68.5902, 79.3174



79.5173, 90.2729, 107.8411



18.3174, 18.1103, 20.2884



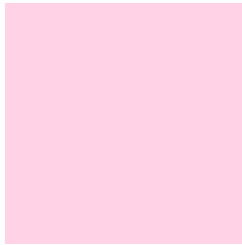
22.9322, 11.6622, 8.2932



2.2854, 1.1565, 1.0845

Previews

White Background



This preview shows how the XYZ color 78.6771, 73.5057, 84.1700 looks on a white background.

Color Contrast Check

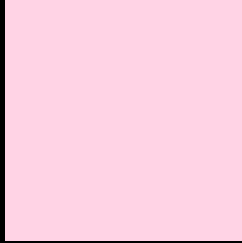
Large Text (above 18pt) WCAG AA × Fail

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 78.6771, 73.5057, 84.1700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

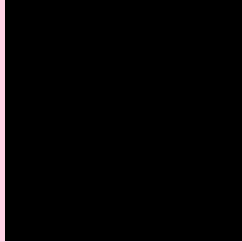
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.6771, 73.5057, 84.1700

Background



This preview shows how black text looks on a background with the XYZ color 78.6771, 73.5057, 84.1700.



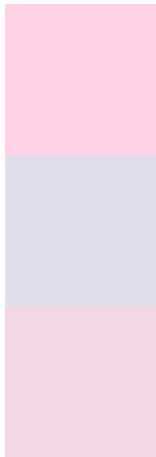
This preview shows how white text looks on a background with the XYZ color 78.6771, 73.5057,

84.1700.

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

78.6771, 73.5057, 84.1700

Protanopia

71.5481, 73.9287, 89.0959

Deuteranopia

75.1774, 73.5904, 83.6409



Tritanopia

78.5379, 73.4500, 83.4367

Trichromacy



Original Color

78.6771, 73.5057, 84.1700

Protanomaly

74.0403, 73.6882, 87.4117

Deuteranomaly

76.4079, 73.4687, 83.5525

Tritanomaly

78.5379, 73.4500, 83.4367

Monochromacy



Original Color

78.6771, 73.5057, 84.1700

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.6466, 75.2635, 83.2660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.6771, 73.5057, 84.1700 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(255, 211, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 229)  
}
```

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(255, 211, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 229) }
```

Border

The CSS property to change the border of an element to XYZ 78.6771, 73.5057, 84.1700 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(255, 211, 229) }
```


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

```
.border{ border-color:rgb(255, 211, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 78.6771, 73.5057, 84.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 229) }
```

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

```
.background{ background-color: rgb(255,  
211, 229) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor