

Converting Colors

XYZ(76.9683, 71.0793, 80.5445)

Have a look what the booklet for
XYZ(76.9683, 71.0793, 80.5445)
contains.

XYZ(77.1434, 71.3219, 80.9348)	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(77.1434, 71.3219,
80.9348)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFE1
RGB	255, 207, 225
RGB Percent	100%, 81%, 88%
CMY	0.0000, 0.1882, 0.1176
CMYK	0.00, 0.19, 0.12, 0.00
HSL	338°, 100%, 91%
HSV	338°, 19%, 100%
XYZ	77.1434, 71.3219, 80.9348
YIQ	223.4040, 22.8300, 15.7740

Conversions

Conversions Part 2

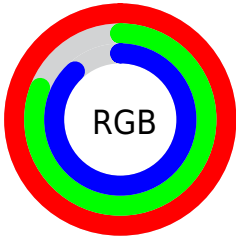
Format	Color
R _Y B	255, 207, 225
Decimal	16764897
CIE Lab	87.64, 19.67, -2.48
CIE LCh	88, 19.825, 352.816
Yxy	71.3219, 0.3363, 0.3109
Android (android.graphics.Color)	4294954977 (0xFFFFCFE1)
YUV	223.4040, 0.7868, 27.7097
Hunter-Lab	84.4523, 15.2603, 2.2961

Details

The XYZ color **77.1434, 71.3219, 80.9348** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.7806, 90.9010, 93.6232**, and the grayscale version is **70.4112, 74.0781, 80.6711**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7726, 37.3645, 43.0406** is the 20% darker color. If you saturate the color by 10%, you get **69.3834, 59.1205, 68.1168**, and if you desaturate by 10%, it is **86.1075, 85.6059, 95.1575**.

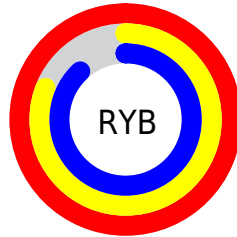
Distribution



Red (100%)

Green (81%)

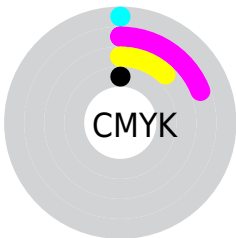
Blue (88%)



Red (100%)

Yellow (81%)

Blue (88%)

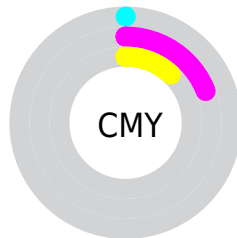


Cyan (0%)

Magenta (19%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (19%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.1434, 71.3219, 80.9348 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 77.1434, 71.3219, 80.9348 by changing the saturation by 10% instead.


 77.1434, 71.3219,
80.9348

 77.1434, 71.3219,
80.9348

474.1373,
465.1779, 517.8672

 57.6709, 52.6049,
59.9572


128.3137,
121.0920, 136.5025

 41.7864, 37.4875,
42.9591


160.7421,
152.9138, 171.9296

 29.1244, 25.5852,
29.5218


198.2200,
189.8728, 213.0104

 19.3197, 16.5135,
19.2270

241.1126,
232.3533, 260.1633

 12.0069, 9.8883,
11.6559

289.7852,
280.7396, 313.8069

 6.8206, 5.3249,
6.3902

344.6033,

 3.3955, 2.4392,

335.4163, 374.3597

3.0111

405.9322,
396.7676, 442.2403

■ 1.3662, 0.8459,
1.1003

■ 0.2319, 0.0000,
0.0000

■ 77.1434, 71.3219,
80.9348

■ 77.1434, 71.3219,
80.9348

■ 69.3834, 59.1205,
68.1168

■ 86.1075, 85.6059,
95.1575

■ 62.7690, 48.8948,
56.6539

95.0500, 100.0000,
108.9000

■ 57.2444, 40.5420,
46.5001

■ 52.7470, 33.9463,
37.6045

■ 49.2072, 28.9791,
29.9126

■ 46.5465, 25.4937,
23.3652

■ 44.6723, 23.3167,
17.8961

■ 43.4533, 22.1975,
13.4240

■ 43.3335, 22.0974,
12.9543

Harmonies

Analogous

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



75.2366, 71.3219, 94.3494



77.1434, 71.3219, 80.9348



76.4530, 71.3219, 68.0598

Triad

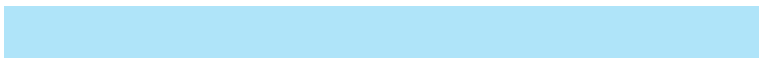
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.1434, 71.3219, 80.9348



64.3496, 71.3219, 56.1864



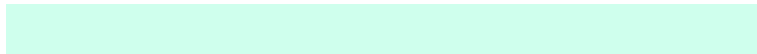
62.4799, 71.3219, 100.1231

Complementary

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



77.1434, 71.3219, 80.9348



76.7806, 90.9010, 93.6232

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.



59.8062, 71.3219, 88.1174



77.1434, 71.3219, 80.9348



60.8504, 71.3219, 63.0603

Square

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



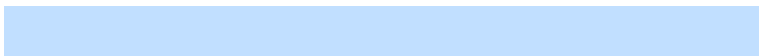
77.1434, 71.3219, 80.9348



68.9242, 71.3219, 54.7328



59.2237, 71.3219, 74.4697



66.6669, 71.3219, 106.2274

Rectangle

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



77.1434, 71.3219, 80.9348



74.6273, 71.3219, 61.3821



59.2237, 71.3219, 74.4697



61.3824, 71.3219, 96.5818

Sweetspot

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



77.1451, 71.3249, 80.9363



88.8600, 90.0230, 99.4289



75.1567, 69.7848, 104.1164



18.8814, 19.0464, 21.0680



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.



77.1451, 71.3249, 80.9363



73.7585, 65.9778, 75.4112



76.1983, 73.1555, 69.1397



18.2911, 18.0997, 20.1499



22.7090, 11.5729, 7.1182



2.2620, 1.1472, 0.9611

Inverse Universe

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



77.1451, 71.3249, 80.9363



73.7585, 65.9778, 75.4112



77.7835, 88.4856, 107.5875



18.2911, 18.0997, 20.1499



22.7090, 11.5729, 7.1182



2.2620, 1.1472, 0.9611

Previews

White Background



This preview shows how the XYZ color 77.1434, 71.3219, 80.9348 looks on a white background.

Color Contrast Check

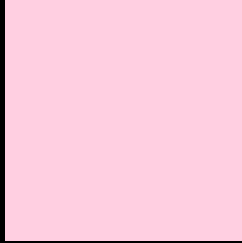
Large Text (above 18pt) WCAG AA × Fail

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 77.1434, 71.3219, 80.9348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

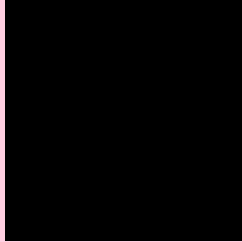
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.1434, 71.3219, 80.9348

Background



This preview shows how black text looks on a background with the XYZ color 77.1434, 71.3219, 80.9348.



This preview shows how white text looks on a background with the XYZ color 77.1434, 71.3219,

80.9348.

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

77.1434, 71.3219, 80.9348

Protanopia

69.4122, 71.7049, 86.5259

Deuteranopia

72.8454, 71.3210, 80.4480



Tritanopia

76.8721, 71.2134, 79.5060

Trichromacy



Original Color

77.1434, 71.3219, 80.9348

Protanomaly

72.0476, 71.5817, 84.1481

Deuteranomaly

74.4050, 71.3828, 80.3777

Tritanomaly

77.0074, 71.2675, 80.2183

Monochromacy



Original Color

77.1434, 71.3219, 80.9348

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.5283, 72.6697, 80.7250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1434, 71.3219, 80.9348 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, 207, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 225)  
}
```

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, 207, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 225) }
```

Border

The CSS property to change the border of an element to XYZ 77.1434, 71.3219, 80.9348 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, 207, 225) }
```


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

```
.border{ border-color:rgb(255, 207, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1434, 71.3219, 80.9348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 225) }
```

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

```
.background{ background-color: rgb(255,  
207, 225) }
```

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