

Converting Colors

XYZ(103.8552, 85.6653,
82.8784)

Have a look what the booklet for
XYZ(103.8552, 85.6653, 82.8784)
contains.

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Color

**XYZ(77.7679, 72.3519,
81.8180)**

Conversions

Conversions Part 1	
Format	Color
Hex	FFD1E2
RGB	255, 209, 226
RGB Percent	100%, 82%, 89%
CMY	0.0000, 0.1804, 0.1137
CMYK	0.00, 0.18, 0.11, 0.00
HSL	338°, 100%, 91%
HSV	338°, 18%, 100%
XYZ	77.7679, 72.3519, 81.8180
YIQ	224.6920, 21.9590, 15.0390

Conversions

Conversions Part 2

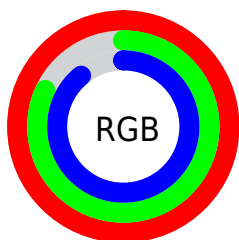
Format	Color
RYB	255, 209, 226
Decimal	16765410
CIELab	88.14, 18.78, -2.28
CIELCh	88, 18.922, 353.080
Yxy	72.3519, 0.3353, 0.3119
Android (android.graphics.Color)	4294955490 (0xFFFFD1E2)
YUV	224.6920, 0.6448, 26.5801
Hunter-Lab	85.0599, 14.3427, 2.5117

Details

The XYZ color **77.7679, 72.3519, 81.8180** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.4895, 91.2495, 94.4213**, and the grayscale version is **71.3329, 75.0478, 81.7270**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1950, 38.0572, 43.6499** is the 20% darker color. If you saturate the color by 10%, you get **69.9014, 59.9855, 68.8173**, and if you desaturate by 10%, it is **86.8460, 86.8097, 96.2452**.

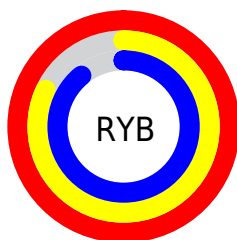
Distribution



Red (100%)

Green (82%)

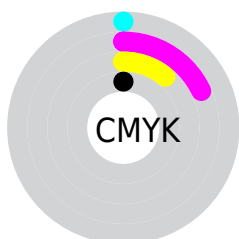
Blue (89%)



Red (100%)

Yellow (82%)

Blue (89%)

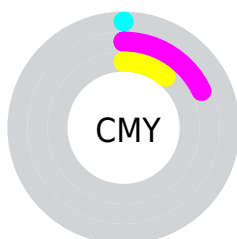


Cyan (0%)

Magenta (18%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.7679, 72.3519, 81.8180 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 77.7679, 72.3519, 81.8180 by changing the saturation by 10% instead.


 77.7679, 72.3519,
81.8180

 77.7679, 72.3519,
81.8180


476.2301,
468.7655, 520.9062

 58.1855, 53.4462,
60.6806


129.1900,
122.5567, 137.7531

 42.2016, 38.1591,
43.5386


161.7603,
154.6246, 173.3879

 29.4510, 26.1062,
29.9734


199.3907,
191.8487, 214.6923

 19.5682, 16.9031,
19.5665

242.4464,
234.6133, 262.0847

 12.1880, 10.1654,
11.8994

291.2929,
283.3029, 315.9838

 6.9450, 5.5088,
6.5535


346.2954,


 3.4737, 2.5488,


338.3019, 376.8080


3.1103


407.8194,
399.9946, 444.9760


 1.4090, 0.9010,
1.1512


 0.2626, 0.0000,
0.0000

 77.7679, 72.3519,
81.8180


 77.7679, 72.3519,
81.8180


 69.9014, 59.9855,
68.8173

 86.8460, 86.8097,
96.2452

 63.1883, 49.6039,
57.1928

95.0500, 100.0000,
108.9000

 57.5728, 41.1052,
46.8977

 52.9925, 34.3743,
37.8808

■ 49.3785, 29.2837,
30.0869

■ 46.6527, 25.6882,
23.4559

■ 44.7238, 23.4170,
17.9215

■ 43.4699, 22.2389,
13.4043

■ 43.2705, 22.0722,
12.6226

Harmonies

Analogous

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



75.9580, 72.3519, 94.7073



77.7679, 72.3519, 81.8180



77.0831, 72.3519, 69.4130

Triad

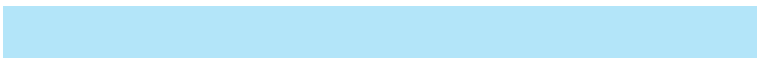
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.7679, 72.3519, 81.8180



65.4151, 72.3519, 58.0156



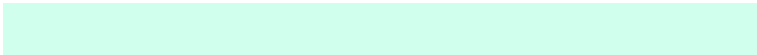
63.6754, 72.3519, 100.4158

Complementary

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



77.7679, 72.3519, 81.8180



77.4895, 91.2495, 94.4213

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.



61.0740, 72.3519, 88.9516



77.7679, 72.3519, 81.8180



62.0473, 72.3519, 64.7448

Square

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



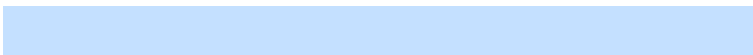
77.7679, 72.3519, 81.8180



69.8214, 72.3519, 56.5504



60.4913, 72.3519, 75.8160



67.7258, 72.3519, 106.1809

Rectangle

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



77.7679, 72.3519, 81.8180



75.3179, 72.3519, 62.9624



60.4913, 72.3519, 75.8160



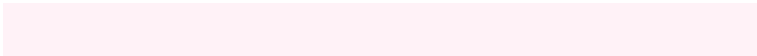
62.6099, 72.3519, 97.0444

Sweetspot

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



77.7696, 72.3549, 81.8195



89.8491, 91.6262, 100.9144



75.9003, 70.8920, 104.2909



19.0804, 19.3694, 21.3660



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.



77.7696, 72.3549, 81.8195



74.5097, 67.2085, 76.4987



76.8902, 74.1454, 70.5845



18.2869, 18.0981, 20.1278



22.6755, 11.5595, 6.9418



2.2584, 1.1457, 0.9423

Inverse Universe

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



77.7696, 72.3549, 81.8195



74.5097, 67.2085, 76.4987



78.4182, 88.9202, 107.6380



18.2869, 18.0981, 20.1278



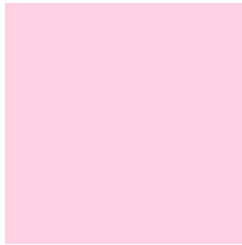
22.6755, 11.5595, 6.9418



2.2584, 1.1457, 0.9423

Previews

White Background



This preview shows how the XYZ color 77.7679, 72.3519, 81.8180 looks on a white background.

Color Contrast Check

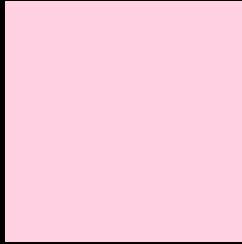
Large Text (above 18pt) WCAG AA × Fail

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 77.7679, 72.3519, 81.8180 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 77.7679, 72.3519, 81.8180

Background



This preview shows how black text looks on a background with the XYZ color 77.7679, 72.3519, 81.8180.



This preview shows how white text looks on a background with the XYZ color 77.7679, 72.3519,

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

77.7679, 72.3519, 81.8180

Protanopia

70.4254, 72.5992, 87.3920

Deuteranopia

73.9128, 72.2301, 81.2804




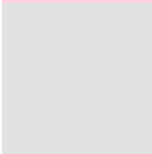
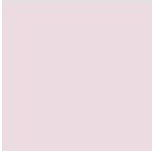
Tritanopia

77.6311, 72.2972, 81.0973

Trichromacy

	Original Color 77.7679, 72.3519, 81.8180
	Protanomaly 72.7705, 72.3173, 84.9861
	Deuteranomaly 75.1401, 72.1160, 81.1936
	Tritanomaly 77.6311, 72.2972, 81.0973

Monochromacy

	Original Color 77.7679, 72.3519, 81.8180
	Achromatopsia 71.5672, 75.2942, 81.9954
	Achromatomaly 73.5142, 73.9321, 81.6299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7679, 72.3519, 81.8180 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, 209, 226) looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 226)  
}
```

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, 209, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 226) }
```

Border

The CSS property to change the border of an element to XYZ 77.7679, 72.3519, 81.8180 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, 209, 226) }
```


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

```
.border{ border-color:rgb(255, 209, 226) }
```

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

Here you see how a box with a 4 pixel rgb(255, 209, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7679, 72.3519, 81.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 226) }
```

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

```
.background{ background-color: rgb(255,  
209, 226) }
```

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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