

# Converting Colors

XYZ(79.3577, 77.0375, 77.7050)

Have a look what the booklet for  
XYZ(79.3577, 77.0375, 77.7050)  
contains.

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# Color

**XYZ(79.3577, 77.0375,  
77.7050)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDBDB
RGB	255, 219, 219
RGB Percent	100%, 86%, 86%
CMY	0.0000, 0.1412, 0.1412
CMYK	0.00, 0.14, 0.14, 0.00
HSL	0°, 100%, 93%
HSV	0°, 14%, 100%
XYZ	79.3577, 77.0375, 77.7050
YIQ	229.7640, 21.4560, 7.6320

# Conversions

## Conversions Part 2

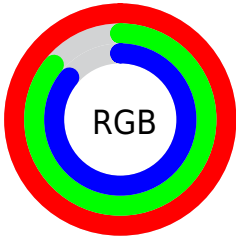
Format	Color
R <sub>Y</sub> B	255, 219, 219
Decimal	16767963
CIE Lab	90.34, 12.46, 4.61
CIE LCh	90, 13.288, 20.321
Yxy	77.0375, 0.3390, 0.3291
Android (android.graphics.Color)	4294958043 (0xFFFFDBDB)
YUV	229.7640, -5.3067, 22.1320
Hunter-Lab	87.7710, 7.7906, 8.9494

# Details

The XYZ color **79.3577, 77.0375, 77.7050** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.0225, 93.7975, 108.3367**, and the grayscale version is **75.0678, 78.9772, 86.0061**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2650, 41.2370, 40.8012** is the 20% darker color. If you saturate the color by 10%, you get **70.1045, 63.4982, 59.3074**, and if you desaturate by 10%, it is **90.1476, 92.8266, 99.1539**.

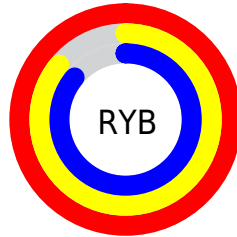
# Distribution



Red (100%)

Green (86%)

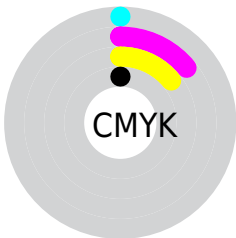
Blue (86%)



Red (100%)

Yellow (86%)

Blue (86%)

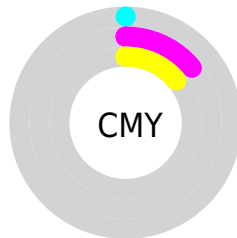


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3577, 77.0375, 77.7050 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 79.3577, 77.0375, 77.7050 by changing the saturation by 10% instead.




 79.3577, 77.0375,  
77.7050

 79.3577, 77.0375,  
77.7050


481.5352,  
484.8919, 506.6657

 59.4966, 57.2837,  
57.3167


131.4176,  
129.1924, 131.9163

 43.2609, 41.2330,  
40.8485


164.3471,  
162.3623, 166.5763

 30.2853, 28.5012,  
27.8819


202.3634,  
200.7729, 206.8306

 20.2044, 18.7038,  
17.9984

245.8319,  
244.8088, 253.0978

 12.6528, 11.4565,  
10.7794

295.1180,  
294.8542, 305.7963

 7.2653, 6.3747,  
5.8064

350.5870,

 3.6763, 3.0743,

351.2936, 365.3448

2.6608

412.6043,  
414.5113, 432.1618

■ 1.5207, 1.1706,  
0.9236

■ 0.3399, 0.0375,  
0.0000

■ 79.3577, 77.0375,  
77.7050

■ 79.3577, 77.0375,  
77.7050

■ 70.1045, 63.4982,  
59.3074

■ 90.1476, 92.8266,  
99.1539

■ 62.3130, 52.0971,  
43.8181

95.0500, 100.0000,  
108.9000

■ 55.9101, 42.7279,  
31.0896

■ 50.8145, 35.2713,  
20.9600

■ 46.9359, 29.5957,  
13.2501

■ 44.1731, 25.5527,  
7.7585

■ 42.4083, 22.9701,  
4.2510

■ 41.4975, 21.6370,  
2.4412

■ 41.2403, 21.2607,  
1.9301

# Harmonies

## Analogous

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



79.6807, 77.0375, 86.9847



79.3577, 77.0375, 77.7050



77.3637, 77.0375, 70.6122

# Triad

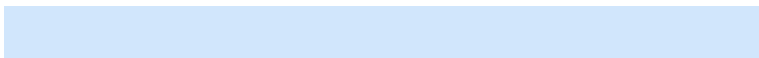
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3577, 77.0375, 77.7050



68.4291, 77.0375, 72.7662



72.1563, 77.0375, 103.1748

# Complementary

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



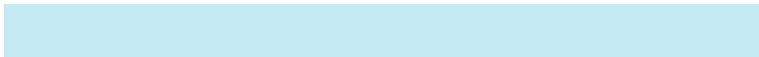
79.3577, 77.0375, 77.7050



83.0225, 93.7975, 108.3367

# 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.



69.2305, 77.0375, 98.7153



79.3577, 77.0375, 77.7050



67.1218, 77.0375, 80.8515

# Square

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



79.3577, 77.0375, 77.7050



71.0324, 77.0375, 67.9134



67.4107, 77.0375, 90.3753



75.4558, 77.0375, 102.1730

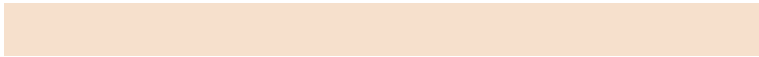


# Rectangle

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



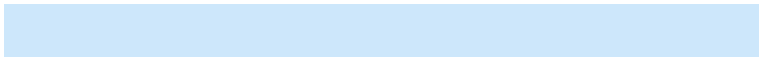
79.3577, 77.0375, 77.7050



75.3874, 77.0375, 67.8528



67.4107, 77.0375, 90.3753



71.0981, 77.0375, 102.2527

# Sweetspot

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



79.3595, 77.0408, 77.7066



90.2832, 93.0250, 99.4234



84.6219, 79.1439, 105.4240



19.1386, 19.6394, 20.9114



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

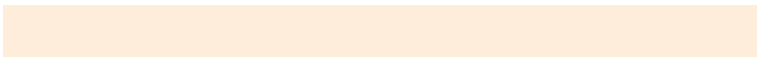
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3595, 77.0408, 77.7066



76.5370, 72.9107, 72.0954



84.3108, 86.9434, 79.3570



18.0096, 17.9875, 18.6670



21.5490, 11.1093, 1.0086



2.0982, 1.0818, 0.0982



# Inverse Universe

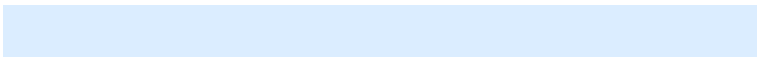
The Inverse Universe completely reimagines the original color for something new.



83.0225, 93.7975, 108.3367



80.8589, 92.6816, 108.2354



77.5483, 82.8492, 106.5120



18.5547, 20.4811, 23.2253



28.1117, 41.1330, 55.8924

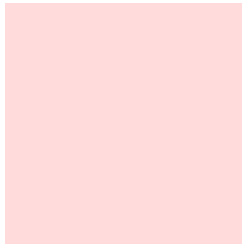


2.7372, 4.0051, 5.4421



# Previews

## White Background



This preview shows how the XYZ color 79.3577, 77.0375, 77.7050 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

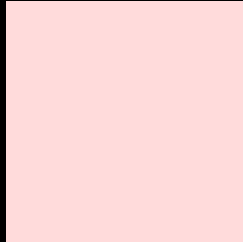
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.3577, 77.0375, 77.7050 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

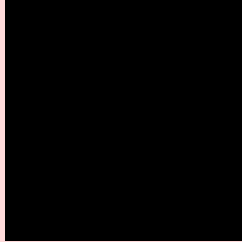
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 79.3577, 77.0375, 77.7050**

## **Background**



This preview shows how black text looks on a background with the XYZ color 79.3577, 77.0375, 77.7050.



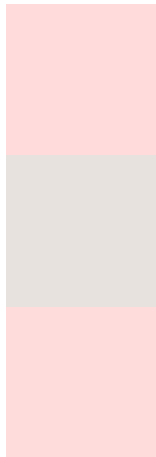
This preview shows how white text looks on a background with the XYZ color 79.3577, 77.0375,

77.7050.

# 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

79.3577, 77.0375, 77.7050

### Protanopia

73.7944, 76.8762, 80.7613

### Deuteranopia

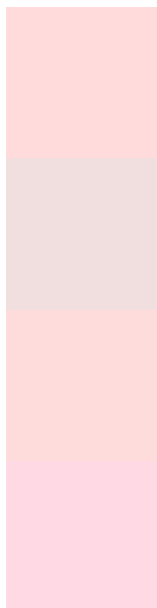
78.8874, 77.1835, 77.7579



## Tritanopia

81.0194, 77.2860, 87.7383

# Trichromacy



## Original Color

79.3577, 77.0375, 77.7050

## Protanomaly

75.5077, 76.5745, 79.9079

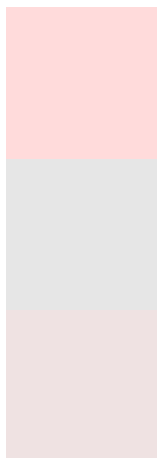
## Deuteranomaly

79.2524, 77.3717, 77.7750

## Tritanomaly

80.3150, 77.0042, 84.0290

# Monochromacy



## Original Color

79.3577, 77.0375, 77.7050

## Achromatopsia

75.2129, 79.1298, 86.1723

## Achromatomaly

76.5204, 78.2344, 83.0192

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.3577, 77.0375, 77.7050 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, 219, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 219)  
}
```

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, 219, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 219) }
```

## Border

The CSS property to change the border of an element to XYZ 79.3577, 77.0375, 77.7050 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, 219, 219) }
```



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

```
.border{ border-color:rgb(255, 219, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
219) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.3577, 77.0375, 77.7050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 219) }
```

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

```
.background{ background-color: rgb(255,  
219, 219) }
```

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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