

# Converting Colors

XYZ(96.2974, 83.7387, 74.7489)

Have a look what the booklet for  
XYZ(96.2974, 83.7387, 74.7489)  
contains.

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# Color

**XYZ(77.1718, 73.7035,  
73.7771)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD5D6
RGB	255, 213, 214
RGB Percent	100%, 84%, 84%
CMY	0.0000, 0.1647, 0.1608
CMYK	0.00, 0.16, 0.16, 0.00
HSL	359°, 100%, 92%
HSV	359°, 16%, 100%
XYZ	77.1718, 73.7035, 73.7771
YIQ	225.6720, 24.7110, 9.2150

# Conversions

## Conversions Part 2

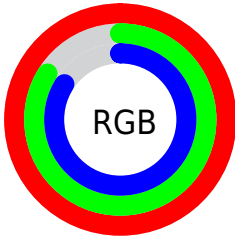
Format	Color
R <sub>Y</sub> B	255, 213, 214
Decimal	16766422
CIE Lab	88.78, 14.81, 4.99
CIE LCh	89, 15.628, 18.638
Yxy	73.7035, 0.3435, 0.3281
Android (android.graphics.Color)	4294956502 (0xFFFFD5D6)
YUV	225.6720, -5.7543, 25.7207
Hunter-Lab	85.8507, 10.2160, 9.1438

# Details

The XYZ color **77.1718, 73.7035, 73.7771** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.0925, 92.8231, 107.4124**, and the grayscale version is **72.0811, 75.8350, 82.5843**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7736, 38.9627, 38.1197** is the 20% darker color. If you saturate the color by 10%, you get **68.3147, 60.6945, 56.3190**, and if you desaturate by 10%, it is **87.5269, 88.9301, 94.1337**.

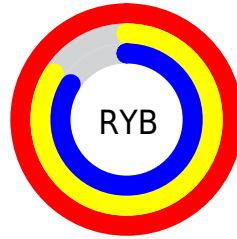
# Distribution



Red (100%)

Green (84%)

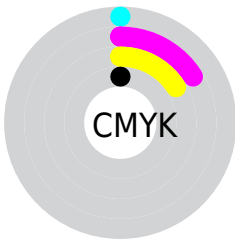
Blue (84%)



Red (100%)

Yellow (84%)

Blue (84%)

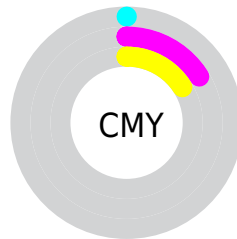


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (16%)


Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1718, 73.7035, 73.7771 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 77.1718, 73.7035, 73.7771 by changing the saturation by 10% instead.




 77.1718, 73.7035,  
73.7771

 77.1718, 73.7035,  
73.7771


474.2325,  
473.4494, 492.8465

 57.6943, 54.5514,  
54.1159


128.3535,  
124.4754, 126.3109

 41.8052, 39.0427,  
38.3006


160.7885,  
156.8640, 160.0206

 29.1393, 26.7929,  
25.9124


198.2733,  
194.4336, 199.2503

 19.3310, 17.4178,  
16.5329

241.1733,  
237.5685, 244.4184

 12.0151, 10.5328,  
9.7436

289.8538,  
286.6531, 295.9436

 6.8263, 5.7536,  
5.1259

344.6803,

 3.3990, 2.6959,

342.0719, 354.2443

2.2613

406.0181,  
404.2092, 419.7391

■ 1.3681, 0.9751,  
0.7094

■ 0.2333, 0.0000,  
0.0000

■ 77.1718, 73.7035,  
73.7771

■ 77.1718, 73.7035,  
73.7771

■ 68.3147, 60.6945,  
56.3190

■ 87.5269, 88.9301,  
94.1337

■ 60.8813, 49.7907,  
41.6234

95.0500, 100.0000,  
108.9000

■ 54.7988, 40.8845,  
29.5501

■ 49.9863, 33.8547,  
19.9450

■ 46.3537, 28.5671,  
12.6378

■ 43.7996, 24.8697,  
7.4365

■ 42.2051, 22.5846,  
4.1185

■ 41.4228, 21.4895,  
2.4105

■ 41.2731, 21.2732,  
2.1044

# Harmonies

## Analogous

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



77.4269, 73.7035, 84.4237



77.1718, 73.7035, 73.7771



74.9690, 73.7035, 65.6125

# Triad

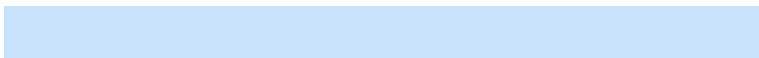
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.1718, 73.7035, 73.7771



64.7356, 73.7035, 67.2602



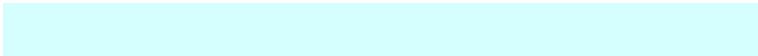
68.6301, 73.7035, 102.4489

# Complementary

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



77.1718, 73.7035, 73.7771



81.0925, 92.8231, 107.4124

# 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.



65.3567, 73.7035, 96.9183



77.1718, 73.7035, 73.7771



63.1628, 73.7035, 76.2173

# Square

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



77.1718, 73.7035, 73.7771



67.7546, 73.7035, 62.0902



63.3860, 73.7035, 87.0921



72.4028, 73.7035, 101.6460



# Rectangle

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



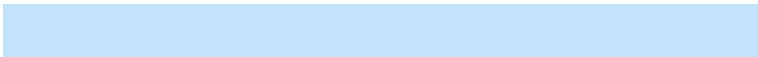
77.1718, 73.7035, 73.7771



72.7353, 73.7035, 62.3759



63.3860, 73.7035, 87.0921



67.4374, 73.7035, 101.2502

# Sweetspot

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



77.1736, 73.7067, 73.7786



89.1767, 91.3572, 97.3735



82.5727, 75.8070, 104.8879



18.9176, 19.3042, 20.5083



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.



77.1736, 73.7067, 73.7786



73.8775, 68.8636, 67.2881



82.2777, 84.1178, 74.8547



18.0268, 17.9940, 18.7585



21.5736, 11.1187, 1.1392



2.1064, 1.0849, 0.1418



# Inverse Universe

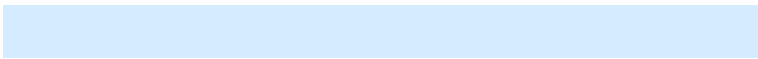
The Inverse Universe completely reimagines the original color for something new.



77.1736, 73.7067, 73.7786



73.8775, 68.8636, 67.2881



75.3161, 81.0147, 106.2755



18.0268, 17.9940, 18.7585



21.5736, 11.1187, 1.1392

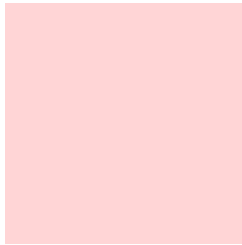


2.1064, 1.0849, 0.1418



# Previews

## White Background



This preview shows how the XYZ color 77.1718, 73.7035, 73.7771 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

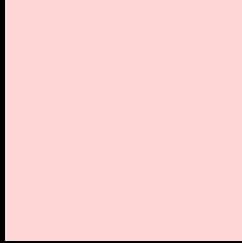
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 77.1718, 73.7035, 73.7771 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

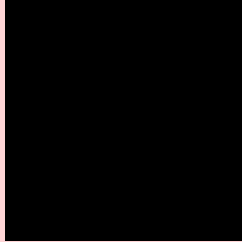
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

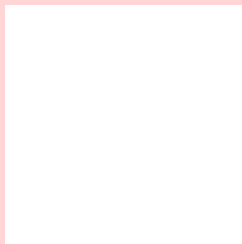
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 77.1718, 73.7035, 73.7771**

## **Background**



This preview shows how black text looks on a background with the XYZ color 77.1718, 73.7035, 73.7771.



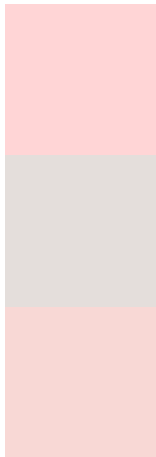
This preview shows how white text looks on a background with the XYZ color 77.1718, 73.7035,

73.7771.

# 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

77.1718, 73.7035, 73.7771

### Protanopia

70.9024, 73.8510, 77.5355

### Deuteranopia

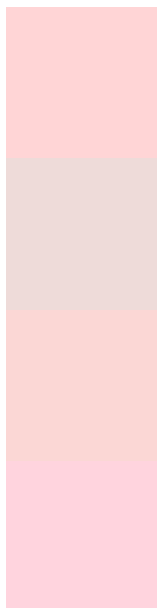
75.2775, 73.8723, 73.2420



## Tritanopia

78.6486, 73.8930, 82.7906

# Trichromacy



## Original Color

77.1718, 73.7035, 73.7771

## Protanomaly

73.1158, 73.8499, 76.0465

## Deuteranomaly

76.0943, 73.9142, 73.2071

## Tritanomaly

77.9683, 73.6209, 79.2081

# Monochromacy



## Original Color

77.1718, 73.7035, 73.7771

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

73.9663, 74.9914, 79.6836

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 77.1718, 73.7035, 73.7771 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, 213, 214) looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 214)  
}
```

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, 213, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 214) }
```

## Border

The CSS property to change the border of an element to XYZ 77.1718, 73.7035, 73.7771 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, 213, 214) }
```



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

```
.border{ border-color:rgb(255, 213, 214) }
```

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

Here you see how a box with a 4 pixel rgb(255, 213, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
214) }
```

# Background

The CSS property to change the background color of an element to XYZ 77.1718, 73.7035, 73.7771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 214) }
```

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

```
.background{ background-color: rgb(255,  
213, 214) }
```

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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