

# Converting Colors

XYZ(79.7511, 74.1438, 74.7208)

Have a look what the booklet for  
XYZ(79.7511, 74.1438, 74.7208)  
contains.

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# Color

**XYZ(76.8000, 72.7548,  
74.2853)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD3D7
RGB	255, 211, 215
RGB Percent	100%, 83%, 84%
CMY	0.0000, 0.1725, 0.1569
CMYK	0.00, 0.17, 0.16, 0.00
HSL	355°, 100%, 91%
HSV	355°, 17%, 100%
XYZ	76.8000, 72.7548, 74.2853
YIQ	224.6120, 24.9400, 10.5720

# Conversions

## Conversions Part 2

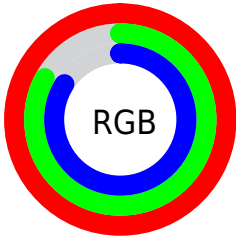
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 211, 215
Decimal	16765911
CIE Lab	88.33, 16.00, 3.81
CIE LCh	88, 16.452, 13.403
Yxy	72.7548, 0.3431, 0.3250
Android (android.graphics.Color)	4294955991 (0xFFFFD3D7)
YUV	224.6120, -4.7387, 26.6503
Hunter-Lab	85.2964, 11.4508, 8.0714

# Details

The XYZ color **76.8000, 72.7548, 74.2853** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.0390, 92.3351, 104.8745**, and the grayscale version is **71.3114, 75.0252, 81.7024**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5223, 38.3208, 38.4659** is the 20% darker color. If you saturate the color by 10%, you get **68.1892, 59.9677, 57.7441**, and if you desaturate by 10%, it is **86.8413, 87.7267, 93.3879**.

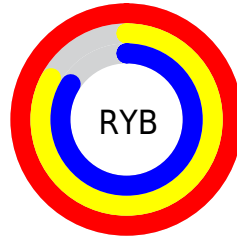
# Distribution



Red (100%)

Green (83%)

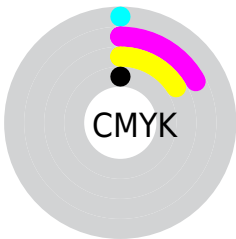
Blue (84%)



Red (100%)

Yellow (83%)

Blue (84%)

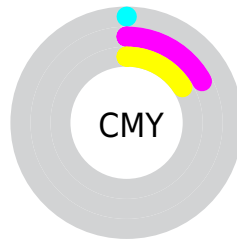


Cyan (0%)

Magenta (17%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (17%)


Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.8000, 72.7548, 74.2853 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 76.8000, 72.7548, 74.2853 by changing the saturation by 10% instead.




 76.8000, 72.7548,  
74.2853

 76.8000, 72.7548,  
74.2853

472.9843,  
470.1645, 494.6472

 57.3881, 53.7755,  
54.5294


127.8315,  
123.1291, 127.0379

 41.5583, 38.4222,  
38.6290


160.1817,  
155.2928, 160.8717

 28.9452, 26.3105,  
26.1656


197.5755,  
192.6201, 200.2352

 19.1834, 17.0561,  
16.7207

240.3781,  
235.4954, 245.5470

 11.9077, 10.2745,  
9.8757

288.9550,  
284.3032, 297.2255

 6.7526, 5.5813,  
5.2121

343.6713,

 3.3528, 2.5922,

339.4276, 355.6893

2.3113

404.8927,  
401.2533, 421.3570

■ 1.3430, 0.9228,  
0.7376

■ 0.2150, 0.0000,  
0.0000

■ 76.8000, 72.7548,  
74.2853

■ 76.8000, 72.7548,  
74.2853

■ 68.1892, 59.9677,  
57.7441

■ 86.8413, 87.7267,  
93.3879

■ 60.9389, 49.2545,  
43.6511

95.0500, 100.0000,  
108.9000

■ 54.9808, 40.5086,  
31.8912

■ 50.2386, 33.6103,  
22.3381

■ 46.6281, 28.4266,  
14.8540

■ 44.0543, 24.8071,  
9.2850

■ 42.4063, 22.5749,  
5.4559

■ 41.5444, 21.5034,  
3.1579

■ 41.3963, 21.3225,  
2.7528

# Harmonies

## Analogous

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



76.6826, 72.7548, 85.5899



76.8000, 72.7548, 74.2853



74.8133, 72.7548, 65.2012

# Triad

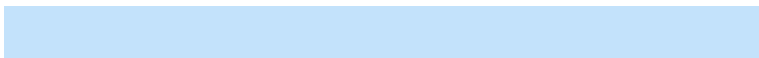
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.8000, 72.7548, 74.2853



64.0663, 72.7548, 64.4517



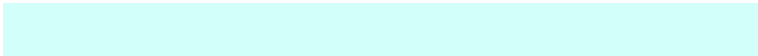
67.0059, 72.7548, 101.9272

# Complementary

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



76.8000, 72.7548, 74.2853



80.0390, 92.3351, 104.8745

# 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.



63.7824, 72.7548, 95.1113



76.8000, 72.7548, 74.2853



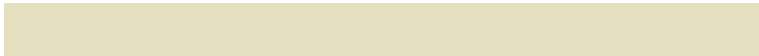
62.1299, 72.7548, 73.1697

# Square

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



76.8000, 72.7548, 74.2853



67.4069, 72.7548, 59.8990



62.0280, 72.7548, 84.3636



70.9255, 72.7548, 102.2986



# Rectangle

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



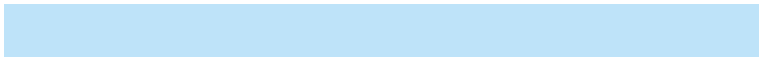
76.8000, 72.7548, 74.2853



72.6052, 72.7548, 61.3279



62.0280, 72.7548, 84.3636



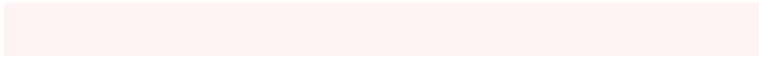
65.8086, 72.7548, 100.2863

# Sweetspot

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



76.8017, 72.7579, 74.2868



89.3059, 91.4089, 98.0541



80.9857, 74.2467, 104.6704



18.9488, 19.3167, 20.6729



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

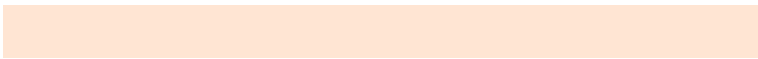
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.8017, 72.7579, 74.2868



73.4104, 67.7149, 67.7934



80.9084, 81.7830, 73.1534



18.0764, 18.0139, 19.0192



21.6529, 11.1504, 1.5566



2.1298, 1.0943, 0.2652



# Inverse Universe

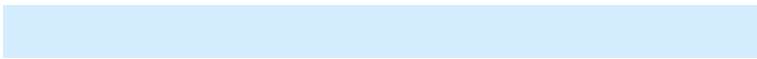
The Inverse Universe completely reimagines the original color for something new.



76.8017, 72.7579, 74.2868



73.4104, 67.7149, 67.7934



75.3165, 81.8715, 106.4409



18.0764, 18.0139, 19.0192



21.6529, 11.1504, 1.5566

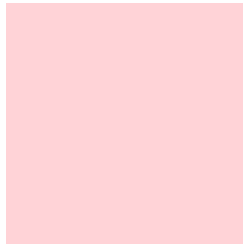


2.1298, 1.0943, 0.2652



# Previews

## White Background



This preview shows how the XYZ color 76.8000, 72.7548, 74.2853 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

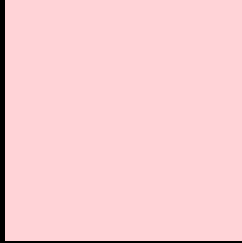
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.8000, 72.7548, 74.2853 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 76.8000, 72.7548, 74.2853**

## **Background**



This preview shows how black text looks on a background with the XYZ color 76.8000, 72.7548, 74.2853.



This preview shows how white text looks on a background with the XYZ color 76.8000, 72.7548,

74.2853.

# 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

76.8000, 72.7548, 74.2853

### Protanopia

70.2716, 73.1021, 78.8130

### Deuteranopia

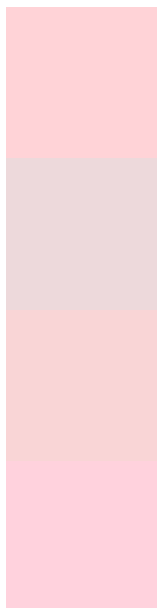
74.1902, 72.5410, 73.7099



## Tritanopia

77.8772, 72.7894, 81.1794

# Trichromacy



## Original Color

76.8000, 72.7548, 74.2853

## Protanomaly

72.5241, 72.7447, 77.2365

## Deuteranomaly

74.9988, 72.5833, 73.6754

## Tritanomaly

77.3377, 72.5736, 78.3386

# Monochromacy



## Original Color

76.8000, 72.7548, 74.2853

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

73.2364, 74.2397, 78.8763

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.8000, 72.7548, 74.2853 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 215) }
```

## Border

The CSS property to change the border of an element to XYZ 76.8000, 72.7548, 74.2853 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, 215) }
```



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

```
.border{ border-color:rgb(255, 211, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
215) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.8000, 72.7548, 74.2853 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, 215) }
```

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

```
.background{ background-color: rgb(255,  
211, 215) }
```

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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