

# Converting Colors

XYZ(76.3267, 72.2849, 84.9976)

Have a look what the booklet for  
XYZ(76.3267, 72.2849, 84.9976)  
contains.

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# Color

**XYZ(76.2886, 72.2582,  
84.7893)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8D3E6
RGB	248, 211, 230
RGB Percent	97%, 83%, 90%
CMY	0.0274, 0.1725, 0.0980
CMYK	0.00, 0.15, 0.07, 0.03
HSL	329°, 73%, 90%
HSV	329°, 15%, 97%
XYZ	76.2886, 72.2582, 84.7893
YIQ	224.2290, 15.9530, 13.7530

# Conversions

## Conversions Part 2

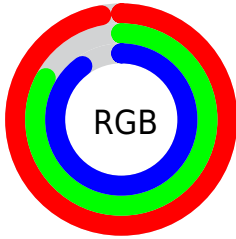
Format	Color
R <sub>Y</sub> B	248, 211, 230
Decimal	16307174
CIE Lab	88.09, 15.99, -4.53
CIE LCh	88, 16.623, 344.178
Yxy	72.2582, 0.3269, 0.3097
Android (android.graphics.Color)	4294497254 (0xFFF8D3E6)
YUV	224.2290, 2.8451, 20.8472
Hunter-Lab	85.0048, 11.4385, 0.3637

# Details

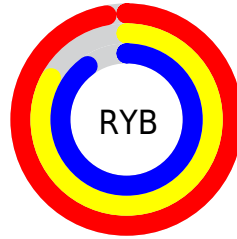
The XYZ color **76.2886, 72.2582, 84.7893** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.5771, 86.6427, 86.9260**, and the grayscale version is **70.9893, 74.6863, 81.3334**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1122, 37.9484, 45.7154** is the 20% darker color. If you saturate the color by 10%, you get **68.9605, 60.2198, 74.2741**, and if you desaturate by 10%, it is **84.6886, 86.2508, 96.2422**.

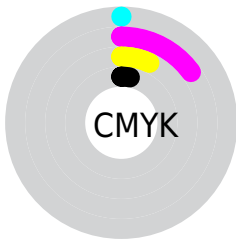
# Distribution



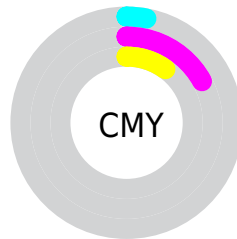
- Red (97%)
- Green (83%)
- Blue (90%)



- Red (97%)
- Yellow (83%)
- Blue (90%)



- Cyan (0%)
- Magenta (15%)
- Yellow (7%)
- Black (3%)




- Cyan (3%)
- Magenta (17%)
- Yellow (10%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2886, 72.2582, 84.7893 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 76.2886, 72.2582, 84.7893 by changing the saturation by 10% instead.




 76.2886, 72.2582,  
84.7893

 76.2886, 72.2582,  
84.7893

471.2643,  
468.4398, 531.0570

 56.9671, 53.3696,  
63.1182


127.1130,  
122.4236, 141.9503

 41.2188, 38.0979,  
45.4952


159.3465,  
154.4691, 178.2772

 28.6785, 26.0587,  
31.5019

196.6148,  
191.6691, 220.3265

 18.9808, 16.8676,  
20.7196

239.2831,  
234.4080, 268.5167

 11.7604, 10.1401,  
12.7300

287.7169,  
283.0701, 323.2663

 6.6517, 5.4920,  
7.1143

342.2814,

 3.2897, 2.5387,

338.0398, 384.9938

3.4542

403.3421,  
399.7016, 454.1179

■ 1.3087, 0.8959,  
1.3310

■ 0.1897, 0.0000,  
0.0870

■ 76.2886, 72.2582,  
84.7893

■ 76.2886, 72.2582,  
84.7893

■ 68.9605, 60.2198,  
74.2741

■ 84.6886, 86.2508,  
96.2422

■ 62.6523, 50.0383,  
64.6652

■ 92.3827, 98.6410,  
108.0490

■ 57.3169, 41.6222,  
55.9357

■ 92.5218, 98.6967,  
108.7817

■ 52.9008, 34.8686,  
48.0553

■ 49.3449, 29.6637,  
40.9916

■ 46.5831, 25.8793,  
34.7091

■ 44.5384, 23.3661,  
29.1685

■ 43.1170, 21.9410,  
24.3238

■ 42.5647, 21.4978,  
22.1005

# Harmonies

## Analogous

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



74.1376, 72.2582, 95.4205



76.2886, 72.2582, 84.7893



76.3494, 72.2582, 73.4425

# Triad

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



76.2886, 72.2582, 84.7893



66.8264, 72.2582, 59.3272



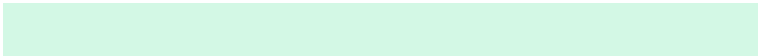
63.3488, 72.2582, 94.9171

# Complementary

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



76.2886, 72.2582, 84.7893



74.5771, 86.6427, 86.9260

# 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.



61.5408, 72.2582, 84.1542



76.2886, 72.2582, 84.7893



63.4956, 72.2582, 64.0164

# Square

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



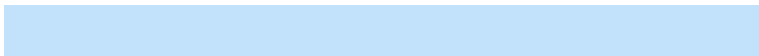
76.2886, 72.2582, 84.7893



70.7816, 72.2582, 59.4617



61.5935, 72.2582, 72.8655



66.6189, 72.2582, 101.6409

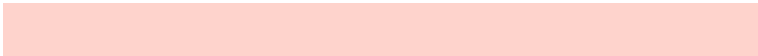


# Rectangle

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



76.2886, 72.2582, 84.7893



75.1901, 72.2582, 67.0234



61.5935, 72.2582, 72.8655



62.5556, 72.2582, 91.6085

# Sweetspot

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



76.2907, 72.2614, 84.7908



91.0931, 93.3483, 103.6900



72.5162, 70.0083, 98.4988



19.3430, 19.7210, 21.9882



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

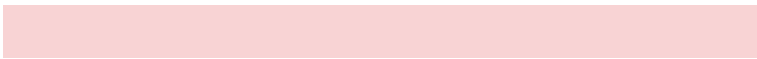
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2907, 72.2614, 84.7908



78.7255, 72.7742, 86.7397



73.8436, 71.2826, 71.9049



17.6167, 17.3740, 19.8371



23.0644, 11.6415, 12.3137



2.1897, 1.0996, 1.4226



# Inverse Universe

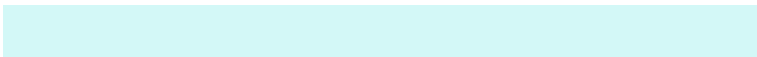
The Inverse Universe completely reimagines the original color for something new.



76.2907, 72.2614, 84.7908



78.7255, 72.7742, 86.7397



77.2814, 87.7245, 101.1665



17.6167, 17.3740, 19.8371



23.0644, 11.6415, 12.3137

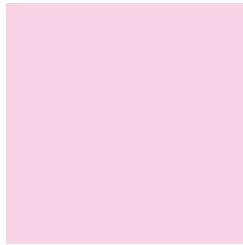


2.1897, 1.0996, 1.4226



# Previews

## White Background



This preview shows how the XYZ color 76.2886, 72.2582, 84.7893 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

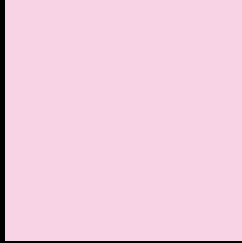
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.2886, 72.2582, 84.7893 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

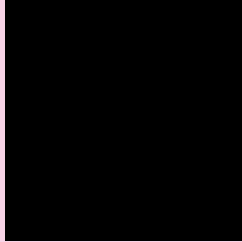
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 76.2886, 72.2582, 84.7893**

## **Background**



This preview shows how black text looks on a background with the XYZ color 76.2886, 72.2582, 84.7893.



This preview shows how white text looks on a background with the XYZ color 76.2886, 72.2582,



# 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

76.2886, 72.2582, 84.7893

### Protanopia

70.4074, 72.5567, 88.8912

### Deuteranopia

73.7860, 72.1010, 84.1567



## **Tritanopia**

76.0093, 72.1464, 83.3183

# Trichromacy



## Original Color

76.2886, 72.2582, 84.7893

## Protanomaly

72.4758, 72.4978, 87.2644

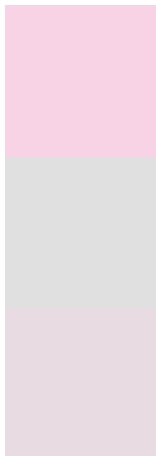
## Deuteranomaly

74.5551, 72.1229, 84.1204

## Tritanomaly

76.1485, 72.2021, 84.0517

# Monochromacy



## Original Color

76.2886, 72.2582, 84.7893

## Achromatopsia

70.8507, 74.5404, 81.1745

## Achromatomaly

72.6633, 73.4777, 82.3043

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.2886, 72.2582, 84.7893 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(248, 211, 230)` looks like.

```
.text, #text, p{  
    color:rgb(248, 211, 230)  
}
```

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(248, 211, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 211, 230) }
```

## Border

The CSS property to change the border of an element to XYZ 76.2886, 72.2582, 84.7893 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(248, 211, 230) }
```



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

```
.border{ border-color:rgb(248, 211, 230) }
```

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

Here you see how a box with a 4 pixel rgb(248, 211, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 211, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 211, 230);  
box-shadow:4px 4px 4px 4px rgb(248, 211,  
230) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.2886, 72.2582, 84.7893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 211, 230) }
```

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

```
.background{ background-color: rgb(248,  
211, 230) }
```

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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