

# Converting Colors

XYZ(77.0387, 76.7400, 72.3800)

Have a look what the booklet for  
XYZ(77.0387, 76.7400, 72.3800)  
contains.

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# Color

**XYZ(77.0387, 76.7400,  
72.3800)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FADDD3
RGB	250, 221, 211
RGB Percent	98%, 87%, 83%
CMY	0.0196, 0.1333, 0.1725
CMYK	0.00, 0.12, 0.16, 0.02
HSL	15°, 80%, 90%
HSV	15°, 16%, 98%
XYZ	77.0387, 76.7400, 72.3800
YIQ	228.5310, 20.4940, 3.0380

# Conversions

## Conversions Part 2

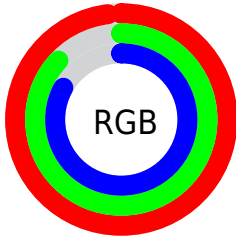
Format	Color
R <sub>Y</sub> B	250, 224, 211
Decimal	16440787
CIE Lab	90.20, 8.42, 8.56
CIE LCh	90, 12.006, 45.464
Yxy	76.7400, 0.3406, 0.3393
Android (android.graphics.Color)	4294630867 (0xFFFA <sup>DD</sup> D3)
YUV	228.5310, -8.6428, 18.8283
Hunter-Lab	87.6014, 3.6747, 12.3330

# Details

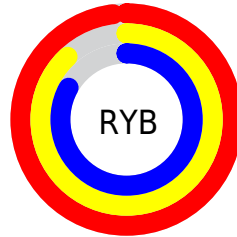
The XYZ color **77.0387, 76.7400, 72.3800** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.2791, 83.0696, 102.5097**, and the grayscale version is **74.1843, 78.0477, 84.9939**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7143, 41.0442, 37.6220** is the 20% darker color. If you saturate the color by 10%, you get **69.5068, 66.3073, 55.5905**, and if you desaturate by 10%, it is **85.6057, 88.4612, 91.9211**.

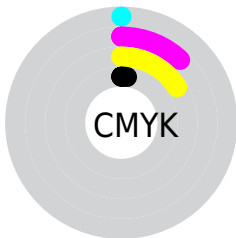
# Distribution



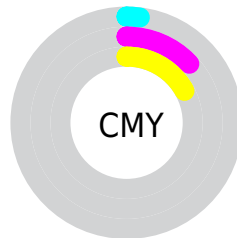
- Red (98%)
- Green (87%)
- Blue (83%)



- Red (98%)
- Yellow (88%)
- Blue (83%)



- Cyan (0%)
- Magenta (12%)
- Yellow (16%)
- Black (2%)



- Cyan (2%)
- Magenta (13%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0387, 76.7400, 72.3800 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 77.0387, 76.7400, 72.3800 by changing the saturation by 10% instead.



77.0387, 76.7400,  
72.3800

77.0387, 76.7400,  
72.3800

473.7859,  
483.8771, 487.8762

57.5847, 57.0395,  
52.9804

128.1667,  
128.7724, 124.3094

41.7168, 41.0370,  
37.3995

160.5713,  
161.8731, 157.6763

29.0697, 28.3480,  
25.2188

198.0235,  
200.2093, 196.5360

19.2781, 18.5881,  
16.0196

240.8887,  
244.1655, 241.3071

11.9766, 11.3731,  
9.3835

289.5322,  
294.1259, 292.4081

6.7998, 6.3183,  
4.8920

344.3193,

3.3825, 3.0396,

350.4751, 350.2576

2.1264

405.6154,  
413.5973, 415.2741

■ 1.3591, 1.1524,  
0.6314

■ 0.2268, 0.0223,  
0.0000

■ 77.0387, 76.7400,  
72.3800

■ 77.0387, 76.7400,  
72.3800

■ 69.5068, 66.3073,  
55.5905

■ 85.6057, 88.4612,  
91.9211

■ 62.9634, 57.1086,  
41.4234

■ 93.2347, 99.0642,  
108.8150

■ 57.3681, 49.1005,  
29.7468

■ 52.6746, 42.2331,  
20.4148

■ 48.8329, 36.4529,  
13.2667

■ 45.7874, 31.7019,  
8.1208

■ 43.4754, 27.9161,  
4.7661

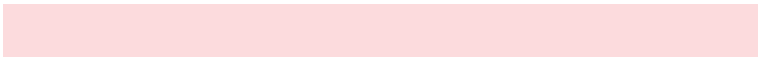
■ 41.8226, 25.0232,  
2.9423

■ 41.2655, 24.0057,  
2.4586

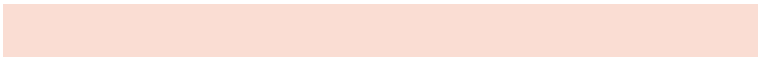
# Harmonies

## Analogous

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



78.6114, 76.7400, 79.2506



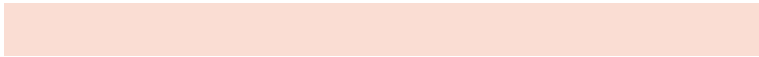
77.0387, 76.7400, 72.3800



74.3890, 76.7400, 68.6352

# Triad

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



77.0387, 76.7400, 72.3800



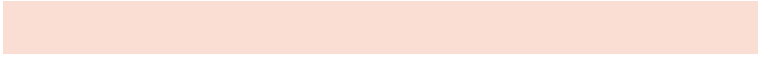
67.5236, 76.7400, 79.4990



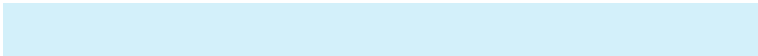
74.4800, 76.7400, 100.4202

# Complementary

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



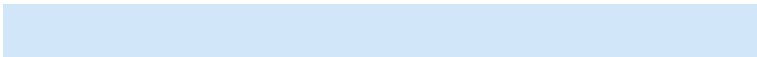
77.0387, 76.7400, 72.3800



75.2791, 83.0696, 102.5097

# 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.



71.5081, 76.7400, 100.4981



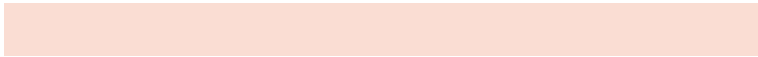
77.0387, 76.7400, 72.3800



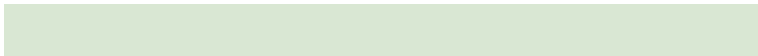
67.5464, 76.7400, 88.0163

# Square

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



77.0387, 76.7400, 72.3800



68.9242, 76.7400, 72.5511



68.9875, 76.7400, 95.8288

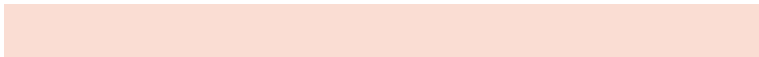


77.1069, 76.7400, 95.6228



# Rectangle

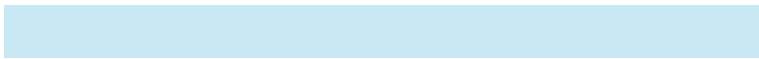
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.0387, 76.7400, 72.3800



72.3940, 76.7400, 68.2400



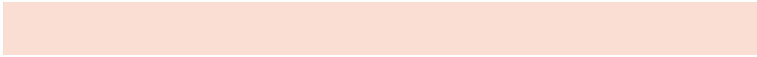
68.9875, 76.7400, 95.8288



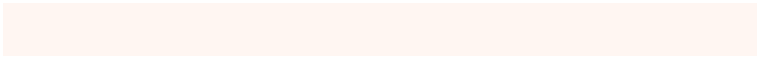
73.4869, 76.7400, 101.0095

# Sweetspot

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



77.0408, 76.7434, 72.3816



90.1147, 93.3061, 97.4617



78.4849, 73.2198, 92.6301



19.1446, 19.7760, 20.5297



0.0000, 0.0000, 0.0000

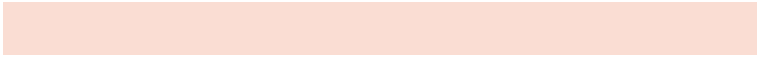


20.3446, 21.4041, 23.3091

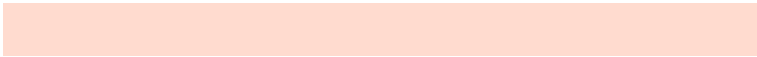


# Same Dimension

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



77.0408, 76.7434, 72.3816



77.7734, 76.3948, 69.3900



82.4169, 87.4956, 74.1736



17.6065, 17.9488, 17.9989



21.9855, 12.9277, 1.3365

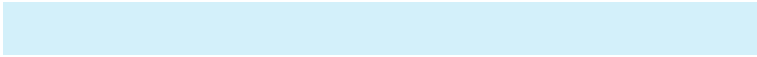


2.1177, 1.3602, 0.1509

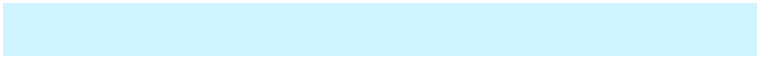


# Inverse Universe

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



75.2791, 83.0696, 102.5097



75.5791, 84.2657, 106.8892



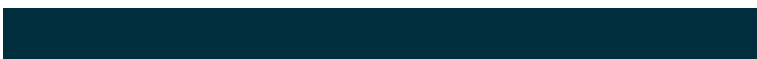
69.9108, 72.3331, 100.7203



17.3668, 18.8105, 22.1008



18.5739, 22.5034, 51.3382

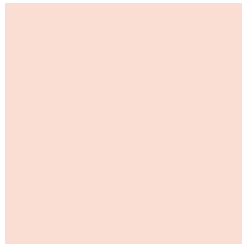


1.8053, 2.2543, 4.7832



# Previews

## White Background



This preview shows how the XYZ color 77.0387, 76.7400, 72.3800 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

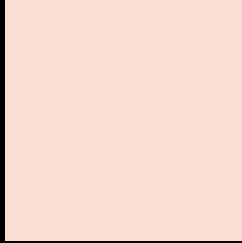
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 77.0387, 76.7400, 72.3800 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

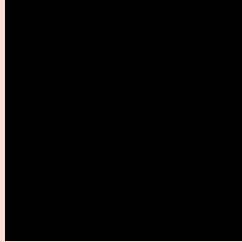
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 77.0387, 76.7400, 72.3800**

## **Background**



This preview shows how black text looks on a background with the XYZ color 77.0387, 76.7400, 72.3800.



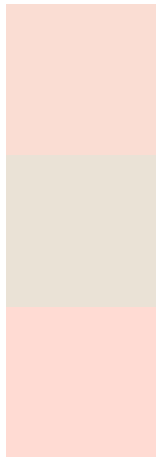
This preview shows how white text looks on a background with the XYZ color 77.0387, 76.7400,

72.3800.

# 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

77.0387, 76.7400, 72.3800

### Protanopia

73.2656, 76.7402, 74.5692

### Deuteranopia

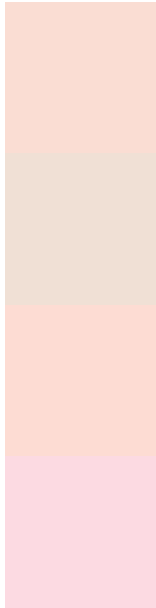
78.3294, 76.6262, 72.2899



## Tritanopia

80.1721, 76.4489, 88.3725

# Trichromacy



## Original Color

77.0387, 76.7400, 72.3800

## Protanomaly

74.6011, 76.6407, 73.8120

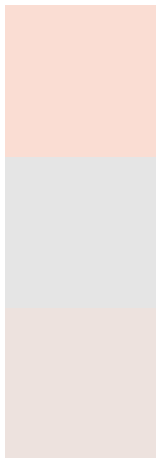
## Deuteranomaly

77.8591, 76.7722, 72.3429

## Tritanomaly

78.9438, 76.3292, 82.5237

# Monochromacy



## Original Color

77.0387, 76.7400, 72.3800

## Achromatopsia

74.4753, 78.3538, 85.3273

## Achromatomaly

75.3062, 77.6712, 80.1302

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 77.0387, 76.7400, 72.3800 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(250, 221, 211)` looks like.

```
.text, #text, p{  
    color:rgb(250, 221, 211)  
}
```

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(250, 221, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 221, 211) }
```

## Border

The CSS property to change the border of an element to XYZ 77.0387, 76.7400, 72.3800 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(250, 221, 211) }
```



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

```
.border{ border-color:rgb(250, 221, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 221, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 221, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 221, 211);  
box-shadow:4px 4px 4px 4px rgb(250, 221,  
211) }
```

# Background

The CSS property to change the background color of an element to XYZ 77.0387, 76.7400, 72.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 221, 211) }
```

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

```
.background{ background-color: rgb(250,  
221, 211) }
```

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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