

# Converting Colors

XYZ(73.6727, 70.2995, 75.4932)

Have a look what the booklet for  
XYZ(73.6727, 70.2995, 75.4932)  
contains.

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# Color

**XYZ(73.6826, 70.3848,  
75.3478)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F7D1D9
RGB	247, 209, 217
RGB Percent	97%, 82%, 85%
CMY	0.0314, 0.1804, 0.1490
CMYK	0.00, 0.15, 0.12, 0.03
HSL	347°, 70%, 89%
HSV	347°, 15%, 97%
XYZ	73.6826, 70.3848, 75.3478
YIQ	221.2740, 20.0800, 10.5440

# Conversions

## Conversions Part 2

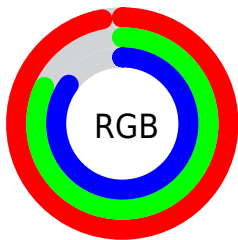
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 209, 217
Decimal	16241113
CIE <sub>Lab</sub>	87.19, 14.55, 1.00
CIE <sub>LCh</sub>	87, 14.587, 3.944
Yxy	70.3848, 0.3358, 0.3208
Android (android.graphics.Color)	4294431193 (0xFFFF7D1D9)
YUV	221.2740, -2.1071, 22.5617
Hunter-Lab	83.8956, 9.9529, 5.4778

# Details

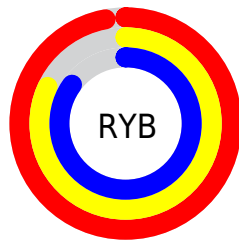
The XYZ color **73.6826, 70.3848, 75.3478** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.1380, 86.3106, 94.3649**, and the grayscale version is **68.9258, 72.5153, 78.9692**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3124, 36.6670, 39.1879** is the 20% darker color. If you saturate the color by 10%, you get **65.6975, 58.2366, 60.9019**, and if you desaturate by 10%, it is **82.9109, 84.5381, 91.6887**.

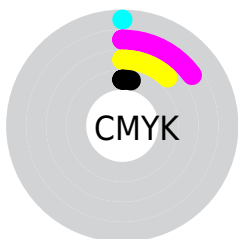
# Distribution



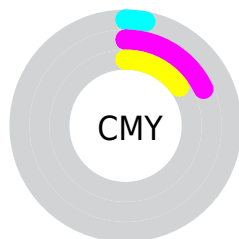
- Red (97%)
- Green (82%)
- Blue (85%)



- Red (97%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (3%)




- Cyan (3%)
- Magenta (18%)
- Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6826, 70.3848, 75.3478 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 73.6826, 70.3848, 75.3478 by changing the saturation by 10% instead.




 73.6826, 70.3848,  
75.3478

 73.6826, 70.3848,  
75.3478


462.4444,  
461.9000, 498.3994

 54.8247, 51.8403,  
55.3944


123.4437,  
119.7573, 128.5562

 39.4946, 36.8778,  
39.3169

155.0775,  
151.3542, 162.6483

 27.3272, 25.1129,  
26.6966


191.7007,  
188.0706, 202.2904

 17.9570, 16.1612,  
17.1151

233.6787,  
230.2910, 247.9010

 11.0186, 9.6383,  
10.1537

281.3766,  
278.3997, 299.8986

 6.1467, 5.1598,  
5.3941

335.1600,

 2.9760, 2.3413,

332.7812, 358.7019

2.4175

395.3942,  
393.8198, 424.7293

■ 1.1411, 0.7955,  
0.7960

■ 0.0591, 0.0000,  
0.0000

■ 73.6826, 70.3848,  
75.3478

■ 73.6826, 70.3848,  
75.3478

■ 65.6975, 58.2366,  
60.9019

■ 82.9109, 84.5381,  
91.6887

■ 58.8962, 47.9936,  
48.2775

■ 92.1681, 98.5143,  
108.7651

■ 53.2232, 39.5616,  
37.4025

■ 48.6159, 32.8344,  
28.1986

■ 45.0058, 27.6949,  
20.5812

■ 42.3162, 24.0109,  
14.4579

■ 40.4582, 21.6289,  
9.7263

■ 39.3243, 20.3598,  
6.2698

■ 38.9775, 20.0221,  
5.0566

# Harmonies

## Analogous

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



72.9879, 70.3848, 85.2194



73.6826, 70.3848, 75.3478



72.5092, 70.3848, 66.5854

# Triad

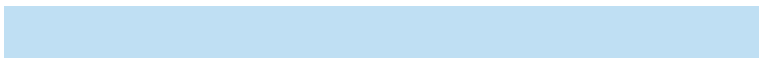
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6826, 70.3848, 75.3478



63.2901, 70.3848, 62.0379



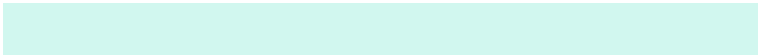
64.0488, 70.3848, 94.8505

# Complementary

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



73.6826, 70.3848, 75.3478



75.1380, 86.3106, 94.3649

# 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.



61.5853, 70.3848, 87.6526



73.6826, 70.3848, 75.3478



61.1578, 70.3848, 68.6513

# Square

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



73.6826, 70.3848, 75.3478



66.4469, 70.3848, 59.3268



60.5444, 70.3848, 77.9410



67.3524, 70.3848, 97.0241



# Rectangle

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



73.6826, 70.3848, 75.3478



70.8481, 70.3848, 62.3848



60.5444, 70.3848, 77.9410



63.0987, 70.3848, 92.9098

# Sweetspot

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



73.6846, 70.3879, 75.3493



89.5378, 91.5017, 99.2751



75.1091, 70.6297, 97.6707



19.0050, 19.3392, 20.9685



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

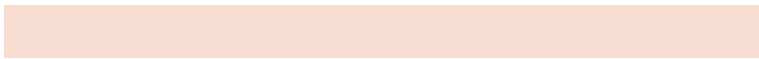
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6846, 70.3879, 75.3493



76.8195, 72.0118, 76.7026



75.4006, 75.4444, 70.9136



16.6418, 16.5396, 17.8602



20.6553, 10.6055, 2.8930



1.8514, 0.9465, 0.4440



# Inverse Universe

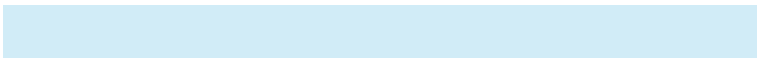
The Inverse Universe completely reimagines the original color for something new.



73.6846, 70.3879, 75.3493



76.8195, 72.0118, 76.7026



73.1481, 80.3983, 99.6596



16.6418, 16.5396, 17.8602



20.6553, 10.6055, 2.8930



1.8514, 0.9465, 0.4440



# Previews

## White Background



This preview shows how the XYZ color 73.6826, 70.3848, 75.3478 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

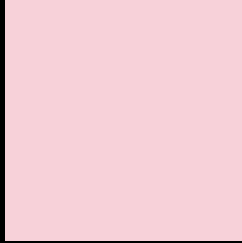
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.6826, 70.3848, 75.3478 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 73.6826, 70.3848, 75.3478**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.6826, 70.3848, 75.3478.



This preview shows how white text looks on a background with the XYZ color 73.6826, 70.3848,

75.3478.

# 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

73.6826, 70.3848, 75.3478

### Protanopia

67.8165, 70.2718, 79.0967

### Deuteranopia

72.0030, 70.6220, 75.4821



## Tritanopia

74.7218, 70.4500, 80.1810

# Trichromacy



## Original Color

73.6826, 70.3848, 75.3478

## Protanomaly

69.5980, 70.0834, 77.5694

## Deuteranomaly

72.7808, 70.6530, 75.4471

## Tritanomaly

74.3184, 70.2887, 78.0567

# Monochromacy



## Original Color

73.6826, 70.3848, 75.3478

## Achromatopsia

68.7264, 72.3055, 78.7407

## Achromatomaly

70.3642, 71.6160, 77.8248

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.6826, 70.3848, 75.3478 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(247, 209, 217)` looks like.

```
.text, #text, p{  
    color:rgb(247, 209, 217)  
}
```

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(247, 209, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 209, 217) }
```

## Border

The CSS property to change the border of an element to XYZ 73.6826, 70.3848, 75.3478 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(247, 209, 217) }
```



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

```
.border{ border-color:rgb(247, 209, 217) }
```

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

Here you see how a box with a 4 pixel rgb(247, 209, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 209, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 209, 217);  
box-shadow:4px 4px 4px 4px rgb(247, 209,  
217) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.6826, 70.3848, 75.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 209, 217) }
```

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

```
.background{ background-color: rgb(247,  
209, 217) }
```

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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