

# Converting Colors

XYZ(75.7787, 74.7757, 78.8458)

Have a look what the booklet for  
XYZ(75.7787, 74.7757, 78.8458)  
contains.

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# Color

**XYZ(75.7787, 74.7757,  
78.8458)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F5DADD
RGB	245, 218, 221
RGB Percent	96%, 85%, 87%
CMY	0.0392, 0.1451, 0.1333
CMYK	0.00, 0.11, 0.10, 0.04
HSL	353°, 57%, 91%
HSV	353°, 11%, 96%
XYZ	75.7787, 74.7757, 78.8458
YIQ	226.4150, 15.1290, 6.6570

# Conversions

## Conversions Part 2

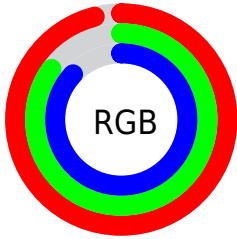
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 218, 221
Decimal	16112349
CIE Lab	89.29, 9.80, 1.93
CIE LCh	89, 9.993, 11.148
Yxy	74.7757, 0.3303, 0.3260
Android (android.graphics.Color)	4294302429 (0xFFFF5DADD)
YUV	226.4150, -2.6696, 16.2990
Hunter-Lab	86.4729, 5.0970, 6.4706

# Details

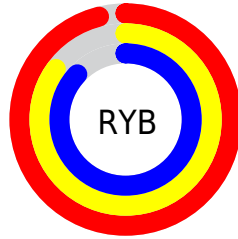
The XYZ color **75.7787, 74.7757, 78.8458** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.5957, 86.6229, 96.6387**, and the grayscale version is **72.6019, 76.3828, 83.1809**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9664, 39.7664, 41.5929** is the 20% darker color. If you saturate the color by 10%, you get **67.1729, 61.9103, 62.5765**, and if you desaturate by 10%, it is **85.7043, 89.6764, 97.4143**.

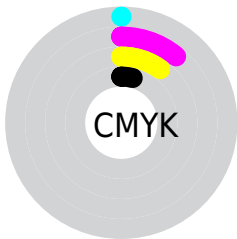
# Distribution



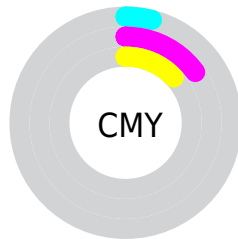
- Red (96%)
- Green (85%)
- Blue (87%)



- Red (96%)
- Yellow (85%)
- Blue (87%)



- Cyan (0%)
- Magenta (11%)
- Yellow (10%)
- Black (4%)




- Cyan (4%)
- Magenta (15%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7787, 74.7757, 78.8458 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 75.7787, 74.7757, 78.8458 by changing the saturation by 10% instead.




 75.7787, 74.7757,  
78.8458

 75.7787, 74.7757,  
78.8458


469.5459,  
477.1463, 510.6384

 56.5475, 55.4292,  
58.2485


126.3961,  
125.9948, 133.5385

 40.8808, 39.7454,  
41.5924


158.5129,  
158.6362, 168.4709

 28.4132, 27.3401,  
28.4591


195.6557,  
196.4779, 209.0187

 18.7794, 17.8288,  
18.4300

238.1897,  
239.9044, 255.6005

 11.6140, 10.8272,  
11.0865

286.4804,  
289.3001, 308.6348

 6.5518, 5.9507,  
6.0101

340.8931,

 3.2272, 2.8151,

345.0494, 368.5402

2.7824

401.7931,  
407.5367, 435.7352

■ 1.2750, 1.0360,  
0.9846

■ 0.1644, 0.0000,  
0.0000

■ 75.7787, 74.7757,  
78.8458

■ 75.7787, 74.7757,  
78.8458

■ 67.1729, 61.9103,  
62.5765

■ 85.7043, 89.6764,  
97.4143

■ 59.8252, 50.9825,  
48.5123

■ 91.4665, 98.1527,  
108.7323

■ 53.6783, 41.9014,  
36.5594

■ 48.6681, 34.5647,  
26.6157

■ 44.7244, 28.8604,  
18.5704

■ 41.7690, 24.6633,  
12.3021

■ 39.7131, 21.8302,  
7.6750

■ 38.4516, 20.1899,  
4.5335

■ 37.8566, 19.4927,  
2.8156

# Harmonies

## Analogous

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



75.6084, 74.7757, 85.8405



75.7787, 74.7757, 78.8458



74.6664, 74.7757, 72.8870

# Triad

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



75.7787, 74.7757, 78.8458



68.0272, 74.7757, 71.7069



69.5658, 74.7757, 94.8173

# Complementary

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



75.7787, 74.7757, 78.8458



77.5957, 86.6229, 96.6387

# 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.



67.5950, 74.7757, 90.5901



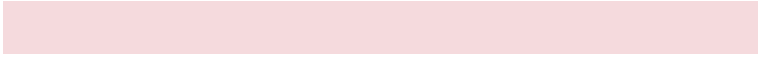
75.7787, 74.7757, 78.8458



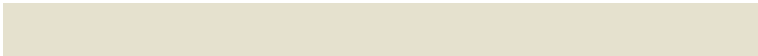
66.7209, 74.7757, 77.1501

# Square

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



75.7787, 74.7757, 78.8458



70.1681, 74.7757, 68.9253



66.5645, 74.7757, 84.0456



71.9837, 74.7757, 95.3358



# Rectangle

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



75.7787, 74.7757, 78.8458



73.3618, 74.7757, 70.1997



66.5645, 74.7757, 84.0456



68.8305, 74.7757, 93.7721

# Sweetspot

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



75.7808, 74.7790, 78.8474



91.5821, 94.7855, 102.4374



78.1215, 75.5894, 96.8598



19.4088, 19.9972, 21.5646



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

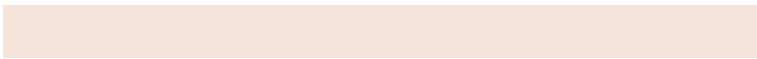
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7808, 74.7790, 78.8474



80.9843, 78.8881, 82.5715



78.1531, 80.1567, 77.6863



16.5739, 16.5124, 17.5027



20.4184, 10.5108, 1.6456



1.8186, 0.9334, 0.2712



# Inverse Universe

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



75.7808, 74.7790, 78.8474



80.9843, 78.8881, 82.5715



75.0058, 80.7170, 98.0137



16.5739, 16.5124, 17.5027



20.4184, 10.5108, 1.6456

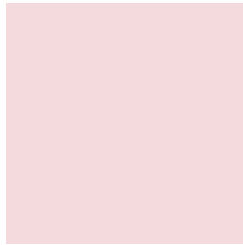


1.8186, 0.9334, 0.2712



# Previews

## White Background



This preview shows how the XYZ color 75.7787, 74.7757, 78.8458 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

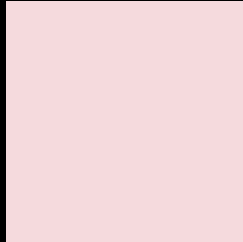
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.7787, 74.7757, 78.8458 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

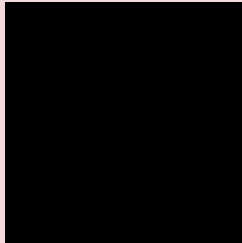
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 75.7787, 74.7757, 78.8458**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.7787, 74.7757, 78.8458.



This preview shows how white text looks on a background with the XYZ color 75.7787, 74.7757,

78.8458.

# 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

75.7787, 74.7757, 78.8458

### Protanopia

71.8371, 74.6512, 81.1439

### Deuteranopia

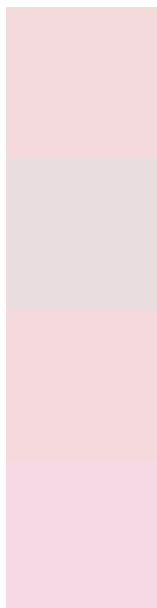
76.2218, 74.6203, 78.7925



## Tritanopia

77.6216, 74.7691, 87.4316

# Trichromacy



## Original Color

75.7787, 74.7757, 78.8458

## Protanomaly

73.1074, 74.5330, 80.3452

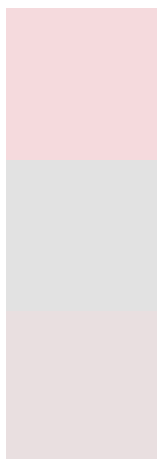
## Deuteranomaly

75.8700, 74.4390, 78.7760

## Tritanomaly

76.9617, 74.8757, 84.5249

# Monochromacy



## Original Color

75.7787, 74.7757, 78.8458

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

73.4465, 75.4808, 81.2192

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.7787, 74.7757, 78.8458 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(245, 218, 221) looks like.

```
.text, #text, p{  
    color:rgb(245, 218, 221)  
}
```

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(245, 218, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 218, 221) }
```

## Border

The CSS property to change the border of an element to XYZ 75.7787, 74.7757, 78.8458 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(245, 218, 221) }
```



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

```
.border{ border-color:rgb(245, 218, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 218, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 218, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 218, 221);  
box-shadow:4px 4px 4px 4px rgb(245, 218,  
221) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.7787, 74.7757, 78.8458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 218, 221) }
```

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

```
.background{ background-color: rgb(245,  
218, 221) }
```

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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