

# Converting Colors

XYZ(75.6793, 73.0374, 83.2844)

Have a look what the booklet for  
XYZ(75.6793, 73.0374, 83.2844)  
contains.

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# Color

**XYZ(75.7063, 73.1070,  
83.5197)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F5D6E4
RGB	245, 214, 228
RGB Percent	96%, 84%, 89%
CMY	0.0392, 0.1608, 0.1059
CMYK	0.00, 0.13, 0.07, 0.04
HSL	333°, 61%, 90%
HSV	333°, 13%, 96%
XYZ	75.7063, 73.1070, 83.5197
YIQ	224.8650, 13.9820, 10.9260

# Conversions

## Conversions Part 2

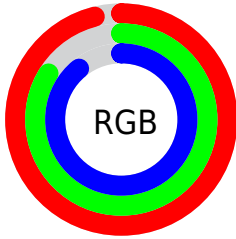
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 214, 228
Decimal	16111332
CIE Lab	88.50, 13.06, -2.91
CIE LCh	88, 13.378, 347.440
Yxy	73.1070, 0.3259, 0.3147
Android (android.graphics.Color)	4294301412 (0xFFFF5D6E4)
YUV	224.8650, 1.5456, 17.6584
Hunter-Lab	85.5026, 8.4190, 1.9369

# Details

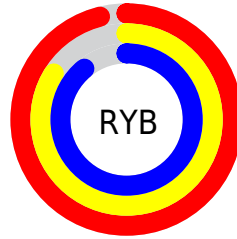
The XYZ color **75.7063, 73.1070, 83.5197** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.8105, 85.3723, 88.1409**, and the grayscale version is **71.4550, 75.1762, 81.8669**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9272, 38.6322, 44.8348** is the 20% darker color. If you saturate the color by 10%, you get **68.1729, 60.9097, 72.1604**, and if you desaturate by 10%, it is **84.3214, 87.2338, 95.9567**.

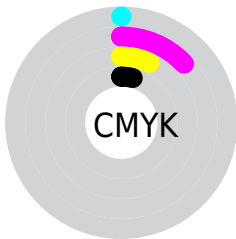
# Distribution



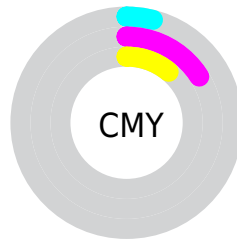
- Red (96%)
- Green (84%)
- Blue (89%)



- Red (96%)
- Yellow (84%)
- Blue (89%)



- Cyan (0%)
- Magenta (13%)
- Yellow (7%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7063, 73.1070, 83.5197 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 75.7063, 73.1070, 83.5197 by changing the saturation by 10% instead.



75.7063, 73.1070,  
83.5197

75.7063, 73.1070,  
83.5197

469.3016,  
471.3856, 526.7332

56.4879, 54.0635,  
62.0759

126.2942,  
123.6291, 140.1588

40.8328, 38.6524,  
44.6578

158.3945,  
155.8764, 176.1912

28.3755, 26.4894,  
30.8470

195.5194,  
193.2939, 217.9236

18.7508, 17.1901,  
20.2249

238.0344,  
236.2657, 265.7744

11.5933, 10.3701,  
12.3729

286.3047,  
285.1764, 320.1622

6.5376, 5.6451,  
6.8726

340.6958,

3.2184, 2.6305,

340.4104, 381.5056

3.3053

401.5730,  
402.3520, 450.2231

■ 1.2703, 0.9420,  
1.2526

■ 0.1608, 0.0000,  
0.0224

■ 75.7063, 73.1070,  
83.5197

■ 75.7063, 73.1070,  
83.5197

■ 68.1729, 60.9097,  
72.1604

■ 84.3214, 87.2338,  
95.9567

■ 61.6703, 50.5479,  
61.8430

■ 91.4466, 98.1447,  
108.6272

■ 56.1524, 41.9343,  
52.5363

■ 91.4666, 98.1527,  
108.7323

■ 51.5672, 34.9705,  
44.2056

■ 47.8577, 29.5482,  
36.8138

■ 44.9602, 25.5461,  
30.3207

■ 42.8015, 22.8242,  
24.6821

■ 41.2938, 21.2138,  
19.8481

■ 40.5054, 20.5522,  
16.7640

# Harmonies

## Analogous

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



74.1470, 73.1070, 92.2068



75.7063, 73.1070, 83.5197



75.5619, 73.1070, 74.4040

# Triad

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



75.7063, 73.1070, 83.5197



67.6468, 73.1070, 63.8542



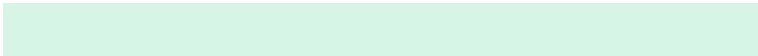
65.3819, 73.1070, 93.3895

# Complementary

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



75.7063, 73.1070, 83.5197



74.8105, 85.3723, 88.1409

# 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.



63.7449, 73.1070, 85.0348



75.7063, 73.1070, 83.5197



65.0245, 73.1070, 68.2000

# Square

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



75.7063, 73.1070, 83.5197



70.8411, 73.1070, 63.5174



63.6161, 73.1070, 75.8070



68.1483, 73.1070, 98.1937

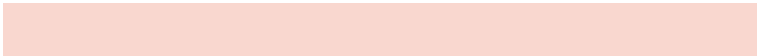


# Rectangle

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



75.7063, 73.1070, 83.5197



74.5189, 73.1070, 69.3004



63.6161, 73.1070, 75.8070



64.6850, 73.1070, 90.8750

# Sweetspot

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



75.7084, 73.1102, 83.5213



90.9942, 93.3088, 103.1692



73.3352, 71.6006, 96.3422



19.3179, 19.7110, 21.8564



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.



75.7084, 73.1102, 83.5213



80.8428, 76.6987, 88.4015



74.1053, 72.8887, 73.7853



16.8102, 16.6069, 18.7471



21.8885, 11.0989, 9.3874



1.9749, 0.9959, 1.0940



# Inverse Universe

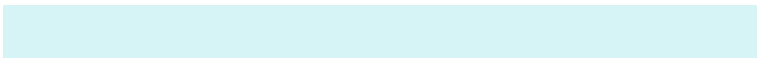
The Inverse Universe completely reimagines the original color for something new.



75.7084, 73.1102, 83.5213



80.8428, 76.6987, 88.4015



76.5559, 85.5717, 98.8692



16.8102, 16.6069, 18.7471



21.8885, 11.0989, 9.3874

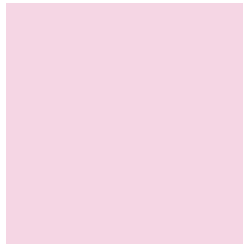


1.9749, 0.9959, 1.0940



# Previews

## White Background



This preview shows how the XYZ color 75.7063, 73.1070, 83.5197 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

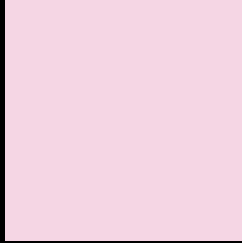
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.7063, 73.1070, 83.5197 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

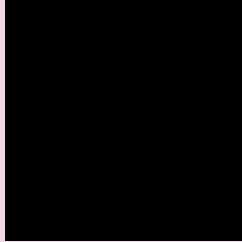
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 75.7063, 73.1070, 83.5197**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.7063, 73.1070, 83.5197.



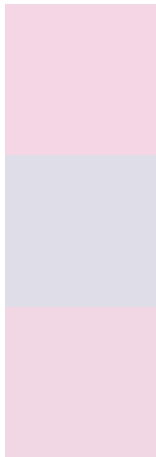
This preview shows how white text looks on a background with the XYZ color 75.7063, 73.1070,



# 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

75.7063, 73.1070, 83.5197

### Protanopia

70.8534, 73.2271, 86.7438

### Deuteranopia

74.5797, 72.9031, 83.5397



## Tritanopia

75.9857, 73.2188, 84.9907

# Trichromacy



## Original Color

75.7063, 73.1070, 83.5197

## Protanomaly

72.4502, 72.9013, 85.8541

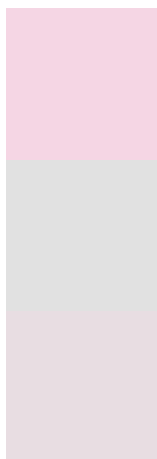
## Deuteranomaly

74.9220, 73.0796, 83.5557

## Tritanomaly

75.8456, 73.1628, 84.2531

# Monochromacy



## Original Color

75.7063, 73.1070, 83.5197

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

72.8626, 74.3597, 82.4641

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.7063, 73.1070, 83.5197 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, 214, 228)` looks like.

```
.text, #text, p{  
    color:rgb(245, 214, 228)  
}
```

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, 214, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 214, 228) }
```

## Border

The CSS property to change the border of an element to XYZ 75.7063, 73.1070, 83.5197 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, 214, 228) }
```



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

```
.border{ border-color:rgb(245, 214, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 214, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 214, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 214, 228);  
box-shadow:4px 4px 4px 4px rgb(245, 214,  
228) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.7063, 73.1070, 83.5197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 214, 228) }
```

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

```
.background{ background-color: rgb(245,  
214, 228) }
```

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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