

# Converting Colors

XYZ(75.6011, 74.4489, 76.5508)

Have a look what the booklet for XYZ(75.6011, 74.4489, 76.5508) contains.

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# Color

**XYZ(75.4738, 74.2805,  
76.6893)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6D9DA
RGB	246, 217, 218
RGB Percent	96%, 85%, 85%
CMY	0.0353, 0.1490, 0.1451
CMYK	0.00, 0.12, 0.11, 0.04
HSL	358°, 62%, 91%
HSV	358°, 12%, 96%
XYZ	75.4738, 74.2805, 76.6893
YIQ	225.7850, 16.9630, 6.4590

# Conversions

## Conversions Part 2

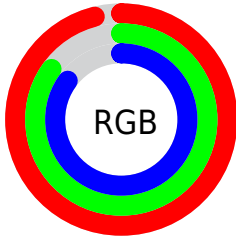
Format	Color
R <sub>Y</sub> B	246, 217, 218
Decimal	16177626
CIE Lab	89.05, 10.19, 3.18
CIE LCh	89, 10.672, 17.354
Yxy	74.2805, 0.3333, 0.3280
Android (android.graphics.Color)	4294367706 (0xFFF6D9DA)
YUV	225.7850, -3.8380, 17.7286
Hunter-Lab	86.1861, 5.4880, 7.5735

# Details

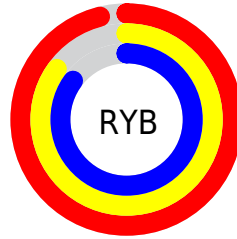
The XYZ color **75.4738, 74.2805, 76.6893** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.0554, 87.2577, 99.1191**, and the grayscale version is **72.1535, 75.9110, 82.6671**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5175, 39.3038, 40.1012** is the 20% darker color. If you saturate the color by 10%, you get **66.7106, 61.3768, 59.5148**, and if you desaturate by 10%, it is **85.6319, 89.2592, 96.5285**.

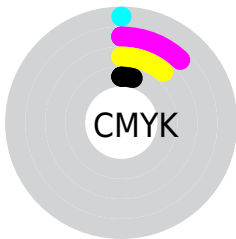
# Distribution



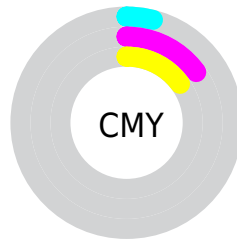
- Red (96%)
- Green (85%)
- Blue (85%)



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



- Cyan (0%)
- Magenta (12%)
- Yellow (11%)
- Black (4%)




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


# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4738, 74.2805, 76.6893 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 75.4738, 74.2805, 76.6893 by changing the saturation by 10% instead.




 75.4738, 74.2805,  
76.6893

 75.4738, 74.2805,  
76.6893

468.5166,  
475.4409, 503.1135

 56.2967, 55.0236,  
56.4879


125.9671,  
125.2934, 130.4698

 40.6788, 39.4207,  
40.1876


158.0141,  
157.8182, 164.8860

 28.2547, 27.0871,  
27.3699


195.0816,  
195.5344, 204.8774

 18.6592, 17.6387,  
17.6164

237.5352,  
238.8264, 250.8628

 11.5268, 10.6909,  
10.5083

285.7402,  
288.0787, 303.2605

 6.4923, 5.8594,  
5.6273

340.0618,

 3.1901, 2.7598,

343.6756, 362.4892

2.5547

400.8655,  
406.0016, 428.9674

■ 1.2551, 1.0076,  
0.8689

■ 0.1492, 0.0000,  
0.0000

■ 75.4738, 74.2805,  
76.6893

■ 75.4738, 74.2805,  
76.6893

■ 66.7106, 61.3768,  
59.5148

■ 85.6319, 89.2592,  
96.5285

■ 59.2754, 50.4475,  
44.8872

■ 91.8164, 98.3330,  
108.7487

■ 53.1055, 41.3980,  
32.6866

■ 48.1303, 34.1225,  
22.7818

■ 44.2725, 28.5045,  
15.0292

■ 41.4457, 24.4137,  
9.2690

■ 39.5508, 21.7003,  
5.3191

■ 38.4693, 20.1842,  
2.9644

■ 38.0527, 19.6115,  
2.0224

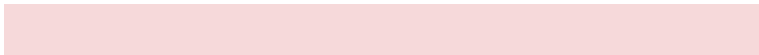
# Harmonies

## Analogous

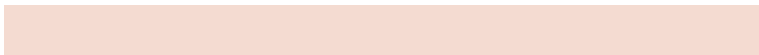
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5848, 74.2805, 84.0491



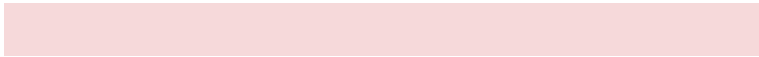
75.4738, 74.2805, 76.6893



74.0374, 74.2805, 70.8127

# Triad

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



75.4738, 74.2805, 76.6893



66.9930, 74.2805, 71.5754



69.5142, 74.2805, 95.6450

# Complementary

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



75.4738, 74.2805, 76.6893



78.0554, 87.2577, 99.1191

# 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.



67.2734, 74.2805, 91.8564



75.4738, 74.2805, 76.6893



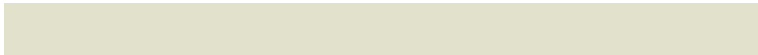
65.8420, 74.2805, 77.7893

# Square

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



75.4738, 74.2805, 76.6893



69.1230, 74.2805, 67.9868



65.9433, 74.2805, 85.2182



72.1008, 74.2805, 95.3056



# Rectangle

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



75.4738, 74.2805, 76.6893



72.5409, 74.2805, 68.3897



65.9433, 74.2805, 85.2182



68.6968, 74.2805, 94.8028

# Sweetspot

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



75.4759, 74.2838, 76.6909



90.3363, 93.0456, 99.7049



78.9489, 75.6145, 97.6237



19.1520, 19.6446, 20.9823



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.



75.4759, 74.2838, 76.6909



79.6379, 77.2749, 78.7940



78.8433, 81.2266, 77.1725



16.5222, 16.4917, 17.2305



20.3212, 10.4719, 1.1338



1.7940, 0.9236, 0.1415



# Inverse Universe

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



75.4759, 74.2838, 76.6909



79.6379, 77.2749, 78.7940



74.3774, 79.6579, 98.6451



16.5222, 16.4917, 17.2305



20.3212, 10.4719, 1.1338

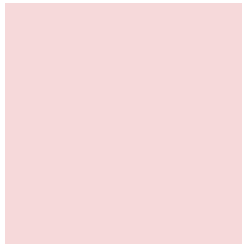


1.7940, 0.9236, 0.1415



# Previews

## White Background



This preview shows how the XYZ color 75.4738, 74.2805, 76.6893 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

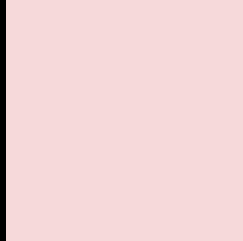
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.4738, 74.2805, 76.6893 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

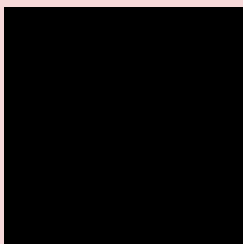
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 75.4738, 74.2805, 76.6893**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.4738, 74.2805, 76.6893.



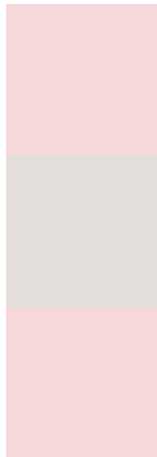
This preview shows how white text looks on a background with the XYZ color 75.4738, 74.2805,



# 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

75.4738, 74.2805, 76.6893

### Protanopia

71.4337, 74.4898, 79.0196

### Deuteranopia

75.5685, 73.9478, 76.6201



## Tritanopia

77.5773, 74.3835, 86.6126

# Trichromacy



## Original Color

75.4738, 74.2805, 76.6893

## Protanomaly

73.0357, 74.5424, 78.2489

## Deuteranomaly

75.5685, 73.9478, 76.6201

## Tritanomaly

76.7788, 74.4319, 82.9932

# Monochromacy



## Original Color

75.4738, 74.2805, 76.6893

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

73.3112, 75.4267, 80.5069

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.4738, 74.2805, 76.6893 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(246, 217, 218) looks like.

```
.text, #text, p{  
    color:rgb(246, 217, 218)  
}
```

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(246, 217, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 217, 218) }
```

## Border

The CSS property to change the border of an element to XYZ 75.4738, 74.2805, 76.6893 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(246, 217, 218) }
```



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

```
.border{ border-color:rgb(246, 217, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 217, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 217, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 217, 218);  
box-shadow:4px 4px 4px 4px rgb(246, 217,  
218) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.4738, 74.2805, 76.6893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 217, 218) }
```

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

```
.background{ background-color: rgb(246,  
217, 218) }
```

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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