

# Converting Colors

XYZ(76.7822, 78.0696, 74.2690)

Have a look what the booklet for  
XYZ(76.7822, 78.0696, 74.2690)  
contains.

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# Color

**XYZ(76.9415, 78.2474,  
73.9988)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6E1D5
RGB	246, 225, 213
RGB Percent	96%, 88%, 84%
CMY	0.0353, 0.1176, 0.1647
CMYK	0.00, 0.09, 0.13, 0.04
HSL	22°, 65%, 90%
HSV	22°, 13%, 96%
XYZ	76.9415, 78.2474, 73.9988
YIQ	229.9110, 16.3680, 0.7200

# Conversions

## Conversions Part 2

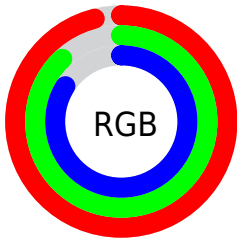
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 232, 213
Decimal	16179669
CIE Lab	90.89, 5.25, 8.46
CIE LCh	91, 9.953, 58.187
Yxy	78.2474, 0.3357, 0.3414
Android (android.graphics.Color)	4294369749 (0xFFFF6E1D5)
YUV	229.9110, -8.3371, 14.1101
Hunter-Lab	88.4576, 0.4608, 12.3215

# Details

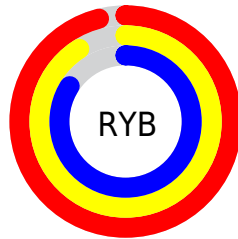
The XYZ color **76.9415, 78.2474, 73.9988** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4976, 79.6439, 98.6885**, and the grayscale version is **75.2010, 79.1174, 86.1588**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.7815, 42.1652, 38.2843** is the 20% darker color. If you saturate the color by 10%, you get **70.0145, 69.0165, 57.4356**, and if you desaturate by 10%, it is **84.7344, 88.4505, 93.1892**.

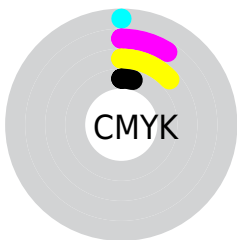
# Distribution



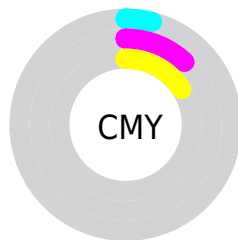
- Red (96%)
- Green (88%)
- Blue (84%)



- Red (96%)
- Yellow (91%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (13%)
- Black (4%)




- Cyan (4%)
- Magenta (12%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9415, 78.2474, 73.9988 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 76.9415, 78.2474, 73.9988 by changing the saturation by 10% instead.




 76.9415, 78.2474,  
73.9988

 76.9415, 78.2474,  
73.9988


473.4595,  
489.0066, 493.6325

 57.5046, 58.2772,  
54.2963


128.0302,  
130.8988, 126.6281

 41.6522, 42.0316,  
38.4438


160.4127,  
164.3489, 160.3920

 29.0190, 29.1260,  
26.0228


197.8411,  
203.0610, 199.6801

 19.2395, 19.1762,  
16.6148

240.6808,  
247.4196, 244.9109

 11.9485, 11.7976,  
9.8012

289.2972,  
297.8090, 296.5031

 6.7806, 6.6060,  
5.1635

344.0555,

 3.3704, 3.2170,

354.6138, 354.8750

2.2831

405.3212,  
418.2182, 420.4453

■ 1.3525, 1.2460,  
0.7217

■ 0.2220, 0.0988,  
0.0000

■ 76.9415, 78.2474,  
73.9988

■ 76.9415, 78.2474,  
73.9988

■ 70.0145, 69.0165,  
57.4356

■ 84.7344, 88.4505,  
93.1892

■ 63.9152, 60.7180,  
43.3791

■ 91.8163, 98.3330,  
108.7487

■ 58.6122, 53.3247,  
31.7068

■ 54.0691, 46.8040,  
22.2840

■ 50.2468, 41.1211,  
14.9620

■ 47.1018, 36.2386,  
9.5744

■ 44.5851, 32.1157,  
5.9287

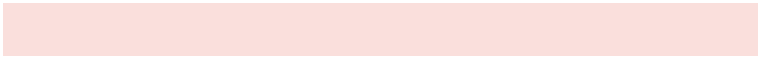
■ 42.6391, 28.7065,  
3.7917

■ 41.6196, 26.8195,  
2.9831

# Harmonies

## Analogous

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



78.7012, 78.2474, 78.8432



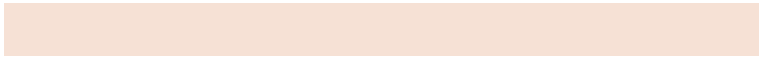
76.9415, 78.2474, 73.9988



74.5244, 78.2474, 72.1333

# Triad

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



76.9415, 78.2474, 73.9988



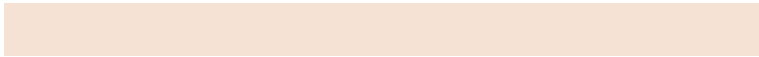
69.6579, 78.2474, 84.7621



76.6716, 78.2474, 97.9525

# Complementary

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



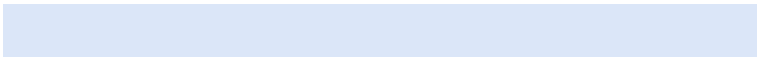
76.9415, 78.2474, 73.9988



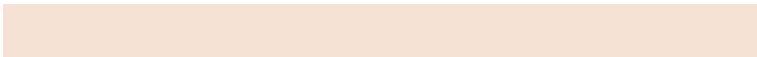
73.4976, 79.6439, 98.6885

# 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.



74.2194, 78.2474, 99.7522



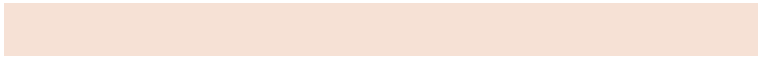
76.9415, 78.2474, 73.9988



70.2041, 78.2474, 91.8856

# Square

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



76.9415, 78.2474, 73.9988



70.3510, 78.2474, 78.1271



71.8600, 78.2474, 97.4740



78.5430, 78.2474, 92.6835



# Rectangle

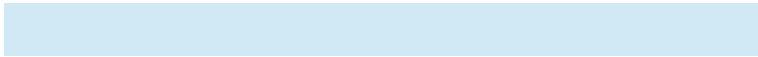
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.9415, 78.2474, 73.9988



72.8777, 78.2474, 72.7460



71.8600, 78.2474, 97.4740



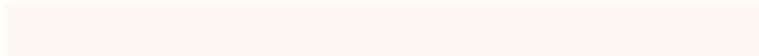
75.8862, 78.2474, 98.9958

# Sweetspot

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



76.9436, 78.2509, 74.0005



91.4155, 95.2895, 99.8008



76.7172, 73.1488, 88.2579



19.4241, 20.2104, 21.0066



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

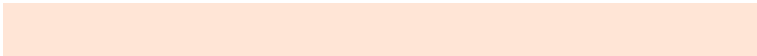


# Same Dimension

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



76.9436, 78.2509, 74.0005



81.4341, 82.1872, 75.3240



81.4872, 87.3380, 75.5150



16.9926, 17.4694, 17.2739



22.3362, 14.5580, 1.6327



2.0573, 1.4679, 0.1749

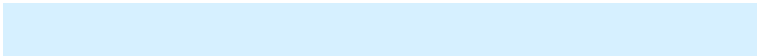


# Inverse Universe

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



73.4976, 79.6439, 98.6885



77.0465, 83.9594, 106.7527



69.1346, 70.9179, 97.2342



16.4603, 17.6848, 21.0885



15.4084, 16.6106, 48.9321

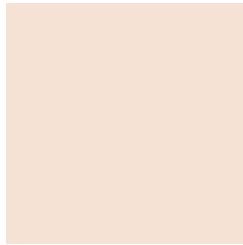


1.4518, 1.6549, 4.3332



# Previews

## White Background



This preview shows how the XYZ color 76.9415, 78.2474, 73.9988 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

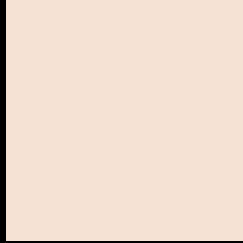
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.9415, 78.2474, 73.9988 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

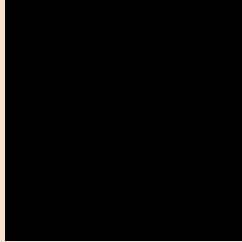
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 76.9415, 78.2474, 73.9988**

## **Background**



This preview shows how black text looks on a background with the XYZ color 76.9415, 78.2474, 73.9988.



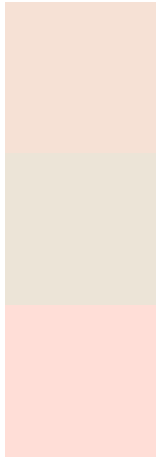
This preview shows how white text looks on a background with the XYZ color 76.9415, 78.2474,

73.9988.

# 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

76.9415, 78.2474, 73.9988

### Protanopia

74.6012, 78.2260, 75.4572

### Deuteranopia

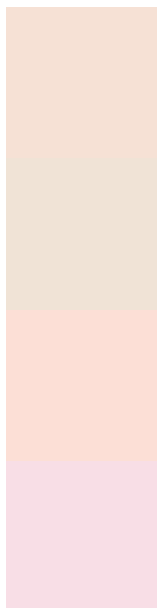
79.6270, 78.4088, 75.2276



## Tritanopia

80.5034, 78.0846, 92.4902

# Trichromacy



## Original Color

76.9415, 78.2474, 73.9988

## Protanomaly

75.5419, 78.3185, 74.7538

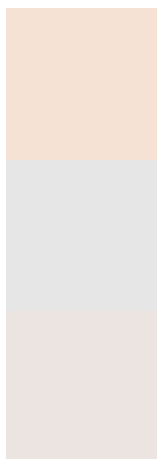
## Deuteranomaly

78.6702, 78.3258, 74.5904

## Tritanomaly

79.1156, 77.9122, 85.7316

# Monochromacy



## Original Color

76.9415, 78.2474, 73.9988

## Achromatopsia

75.2129, 79.1298, 86.1723

## Achromatomaly

75.7900, 78.7015, 81.7174

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.9415, 78.2474, 73.9988 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, 225, 213) looks like.

```
.text, #text, p{  
    color:rgb(246, 225, 213)  
}
```

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, 225, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 225, 213) }
```

## Border

The CSS property to change the border of an element to XYZ 76.9415, 78.2474, 73.9988 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, 225, 213) }
```



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

```
.border{ border-color:rgb(246, 225, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 225, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 225, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 225, 213);  
box-shadow:4px 4px 4px 4px rgb(246, 225,  
213) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.9415, 78.2474, 73.9988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 225, 213) }
```

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

```
.background{ background-color: rgb(246,  
225, 213) }
```

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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