

# Converting Colors

XYZ(76.4768, 75.5962, 70.8896)

Have a look what the booklet for  
XYZ(76.4768, 75.5962, 70.8896)  
contains.

<b>XYZ(76.6238, 75.7757, 70.9093)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(76.6238, 75.7757,  
70.9093)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBDBD1
RGB	251, 219, 209
RGB Percent	98%, 86%, 82%
CMY	0.0157, 0.1412, 0.1804
CMYK	0.00, 0.13, 0.17, 0.02
HSL	14°, 84%, 90%
HSV	14°, 17%, 98%
XYZ	76.6238, 75.7757, 70.9093
YIQ	227.4280, 22.2820, 3.6740

# Conversions

## Conversions Part 2

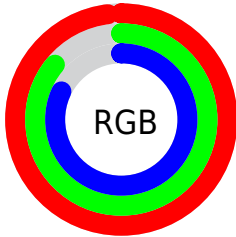
Format	Color
R <sub>Y</sub> B	251, 222, 209
Decimal	16505809
CIE Lab	89.76, 9.51, 8.98
CIE LCh	90, 13.077, 43.359
Yxy	75.7757, 0.3431, 0.3393
Android (android.graphics.Color)	4294695889 (0xFFFBDBD1)
YUV	227.4280, -9.0850, 20.6726
Hunter-Lab	87.0492, 4.7858, 12.6375

# Details

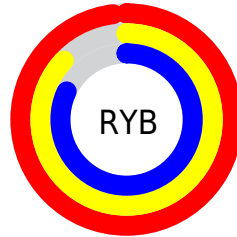
The XYZ color **76.6238, 75.7757, 70.9093** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.1619, 83.4291, 103.4094**, and the grayscale version is **73.3797, 77.2012, 84.0721**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4400, 40.3868, 36.6217** is the 20% darker color. If you saturate the color by 10%, you get **69.0530, 65.2212, 54.2428**, and if you desaturate by 10%, it is **85.2614, 87.6789, 90.3485**.

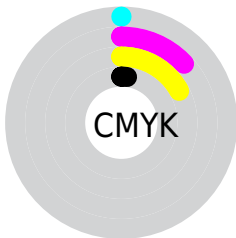
# Distribution



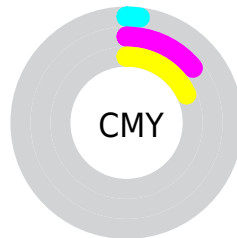
- Red (98%)
- Green (86%)
- Blue (82%)



- Red (98%)
- Yellow (87%)
- Blue (82%)



- Cyan (0%)
- Magenta (13%)
- Yellow (17%)
- Black (2%)




- Cyan (2%)
- Magenta (14%)
- Yellow (18%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6238, 75.7757, 70.9093 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 76.6238, 75.7757, 70.9093 by changing the saturation by 10% instead.




 76.6238, 75.7757,  
70.9093

 76.6238, 75.7757,  
70.9093


472.3920,  
480.5795, 482.6114

 57.2430, 56.2486,  
51.7868


127.5840,  
127.4098, 122.1978

 41.4413, 40.4023,  
36.4541


159.8941,  
160.2856, 155.2009

 28.8532, 27.8523,  
24.4926


197.2446,  
198.3797, 193.6680

 19.1136, 18.2144,  
15.4839

240.0010,  
242.0766, 238.0175

 11.8569, 11.1040,  
9.0093

288.5286,  
291.7606, 288.6681

 6.7178, 6.1368,  
4.6504

343.1927,

 3.3310, 2.9285,

347.8162, 346.0382

1.9885

404.3588,  
410.6277, 410.5465

■ 1.3311, 1.0945,  
0.5482

■ 0.2063, 0.0000,  
0.0000

■ 76.6238, 75.7757,  
70.9093

■ 76.6238, 75.7757,  
70.9093

■ 69.0530, 65.2212,  
54.2428

■ 85.2614, 87.6789,  
90.3485

■ 62.5006, 55.9575,  
40.2174

■ 93.5939, 99.2494,  
108.8319

■ 56.9237, 47.9372,  
28.6978

■ 52.2736, 41.1065,  
19.5350

■ 48.4974, 35.4072,  
12.5636

■ 45.5364, 30.7759,  
7.5970

■ 43.3237, 27.1428,  
4.4167

■ 41.7793, 24.4281,  
2.7486

■ 41.3888, 23.7191,  
2.3968

# Harmonies

## Analogous

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



78.2231, 75.7757, 78.4728



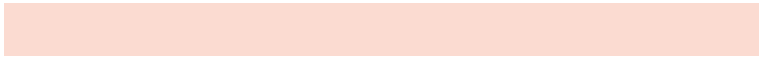
76.6238, 75.7757, 70.9093



73.8122, 75.7757, 66.6405

# Triad

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



76.6238, 75.7757, 70.9093



66.2455, 75.7757, 77.5270



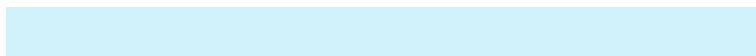
73.4642, 75.7757, 101.0114

# Complementary

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



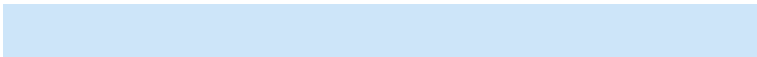
76.6238, 75.7757, 70.9093



75.1619, 83.4291, 103.4094

# 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.



70.2620, 75.7757, 100.7106



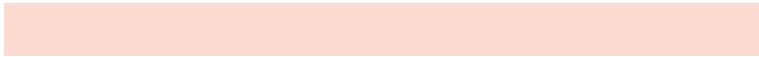
76.6238, 75.7757, 70.9093



66.1586, 75.7757, 86.6769

# Square

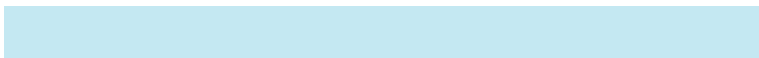
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.6238, 75.7757, 70.9093



67.8502, 75.7757, 70.2615



67.6093, 75.7757, 95.3047

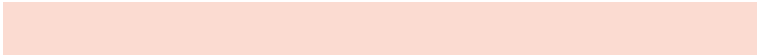


76.3625, 75.7757, 96.0982



# Rectangle

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



76.6238, 75.7757, 70.9093



71.6599, 75.7757, 66.0241



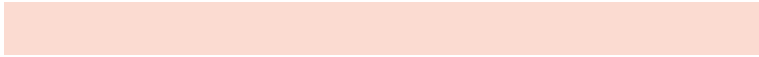
67.6093, 75.7757, 95.3047



72.3863, 75.7757, 101.5271

# Sweetspot

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



76.6259, 75.7791, 70.9109



90.0439, 93.1645, 97.4381



78.4920, 72.4740, 93.2285



19.1275, 19.7417, 20.5240



0.0000, 0.0000, 0.0000

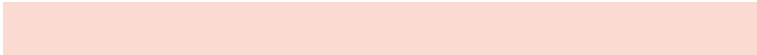


20.3446, 21.4041, 23.3091



# Same Dimension

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



76.6259, 75.7791, 70.9109



76.7330, 74.8075, 67.5218



82.3943, 87.3160, 72.8337



17.5802, 17.8963, 17.9902



21.8484, 12.6534, 1.2908

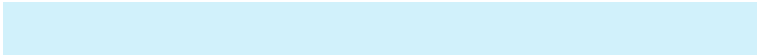


2.1017, 1.3283, 0.1456

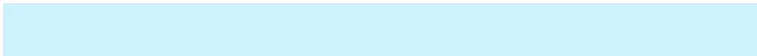


# Inverse Universe

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



75.1619, 83.4291, 103.4094



74.9580, 84.0697, 106.8841



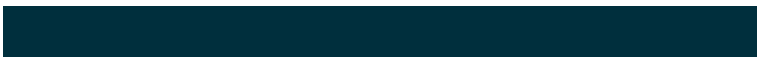
69.3538, 71.8128, 101.4734



17.3949, 18.8667, 22.1101



19.0883, 23.5322, 51.5097

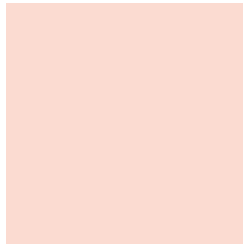


1.8492, 2.3420, 4.7978



# Previews

## White Background



This preview shows how the XYZ color 76.6238, 75.7757, 70.9093 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

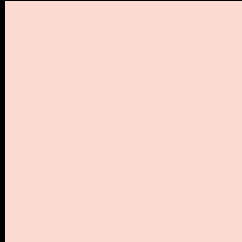
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.6238, 75.7757, 70.9093 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 76.6238, 75.7757, 70.9093**

## **Background**



This preview shows how black text looks on a background with the XYZ color 76.6238, 75.7757, 70.9093.



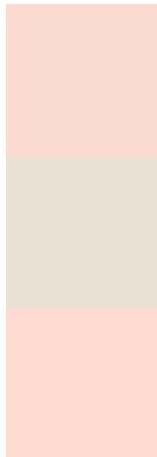
This preview shows how white text looks on a background with the XYZ color 76.6238, 75.7757,

70.9093.

# 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

76.6238, 75.7757, 70.9093

### Protanopia

72.4132, 75.9275, 73.1263

### Deuteranopia

77.4531, 75.8171, 70.8735



## Tritanopia

79.7390, 75.4979, 86.7138

# Trichromacy



## Original Color

76.6238, 75.7757, 70.9093

## Protanomaly

74.0807, 76.0038, 72.3937

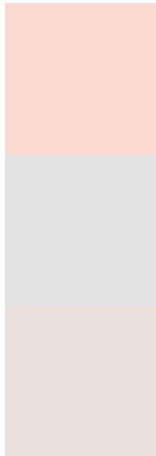
## Deuteranomaly

77.0880, 75.6289, 70.8565

## Tritanomaly

78.5184, 75.3762, 80.9317

# Monochromacy



## Original Color

76.6238, 75.7757, 70.9093

## Achromatopsia

73.0128, 76.8151, 83.6517

## Achromatomaly

74.1660, 76.3115, 78.5308

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.6238, 75.7757, 70.9093 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(251, 219, 209)` looks like.

```
.text, #text, p{  
    color:rgb(251, 219, 209)  
}
```

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(251, 219, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 219, 209) }
```

## Border

The CSS property to change the border of an element to XYZ 76.6238, 75.7757, 70.9093 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(251, 219, 209) }
```



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

```
.border{ border-color:rgb(251, 219, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 219, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 219, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 219, 209);  
box-shadow:4px 4px 4px 4px rgb(251, 219,  
209) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.6238, 75.7757, 70.9093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 219, 209) }
```

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

```
.background{ background-color: rgb(251,  
219, 209) }
```

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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