

# Converting Colors

XYZ(76.0396, 74.5581, 87.2052)

Have a look what the booklet for  
XYZ(76.0396, 74.5581, 87.2052)  
contains.

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# Color

**XYZ(76.0550, 74.7268,  
87.5060)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1DAE9
RGB	241, 218, 233
RGB Percent	95%, 85%, 91%
CMY	0.0549, 0.1451, 0.0863
CMYK	0.00, 0.10, 0.03, 0.05
HSL	321°, 45%, 90%
HSV	321°, 10%, 95%
XYZ	76.0550, 74.7268, 87.5060
YIQ	226.5870, 8.8930, 9.5410

# Conversions

## Conversions Part 2

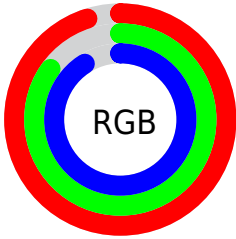
Format	Color
R <sub>Y</sub> B	241, 218, 233
Decimal	15850217
CIE Lab	89.26, 10.47, -4.46
CIE LCh	89, 11.375, 336.939
Yxy	74.7268, 0.3192, 0.3136
Android (android.graphics.Color)	4294040297 (0xFFFF1DAE9)
YUV	226.5870, 3.1616, 12.6402
Hunter-Lab	86.4447, 5.7682, 0.4933

# Details

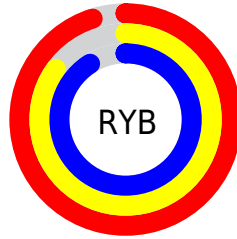
The XYZ color **76.0550, 74.7268, 87.5060** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.0991, 83.3090, 84.1303**, and the grayscale version is **72.6889, 76.4744, 83.2806**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0406, 39.6830, 47.0915** is the 20% darker color. If you saturate the color by 10%, you get **69.0853, 62.6579, 79.4138**, and if you desaturate by 10%, it is **83.9946, 88.6422, 96.2040**.

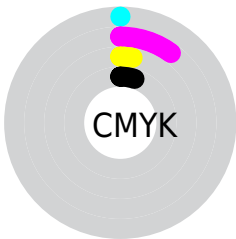
# Distribution



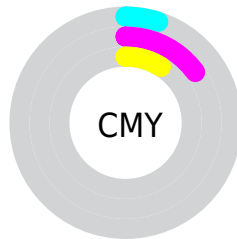
- Red (95%)
- Green (85%)
- Blue (91%)



- Red (95%)
- Yellow (85%)
- Blue (91%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (5%)




- Cyan (5%)
- Magenta (15%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0550, 74.7268, 87.5060 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 76.0550, 74.7268, 87.5060 by changing the saturation by 10% instead.




 76.0550, 74.7268,  
87.5060

 76.0550, 74.7268,  
87.5060


470.4774,  
476.9780, 540.2435

 56.7748, 55.3891,  
65.3520


126.7846,  
125.9256, 145.7743

 41.0639, 39.7133,  
47.2934


158.9647,  
158.5554, 182.7257

 28.5569, 27.3151,  
32.9117


196.1755,  
196.3848, 225.4466

 18.8885, 17.8100,  
21.7882

238.7824,  
239.7980, 274.3556

 11.6933, 10.8137,  
13.5045

287.1507,  
289.1796, 329.8713

 6.6059, 5.9417,  
7.6421

341.6457,

 3.2610, 2.8097,

344.9139, 392.4121

3.7823

402.6328,  
407.3852, 462.3967

■ 1.2932, 1.0332,  
1.5067

■ 0.1782, 0.0000,  
0.2229

■ 76.0550, 74.7268,  
87.5060

■ 76.0550, 74.7268,  
87.5060

■ 69.0853, 62.6579,  
79.4138

■ 83.9946, 88.6422,  
96.2040

■ 63.0392, 52.3475,  
71.9056

■ 89.2553, 97.1087,  
104.2928

■ 57.8762, 43.7147,  
64.9647

■ 90.0861, 97.4410,  
108.6677

■ 53.5501, 36.6685,  
58.5718

■ 50.0105, 31.1092,  
52.7059

■ 47.2011, 26.9258,  
47.3441

■ 45.0577, 23.9914,  
42.4606

■ 43.5045, 22.1556,  
38.0258

■ 42.4205, 21.1780,  
33.9947

# Harmonies

## Analogous

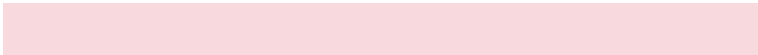
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2846, 74.7268, 94.2159



76.0550, 74.7268, 87.5060



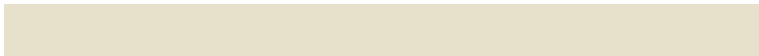
76.4616, 74.7268, 79.5304

# Triad

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



76.0550, 74.7268, 87.5060



70.3821, 74.7268, 67.1029



66.8408, 74.7268, 90.9098

# Complementary

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



76.0550, 74.7268, 87.5060



74.0991, 83.3090, 84.1303

# 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.



65.8535, 74.7268, 83.2272



76.0550, 74.7268, 87.5060



67.8633, 74.7268, 69.7388

# Square

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



76.0550, 74.7268, 87.5060



73.1387, 74.7268, 68.0843



66.2229, 74.7268, 75.5178



68.9535, 74.7268, 96.2688

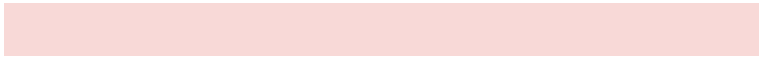


# Rectangle

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



76.0550, 74.7268, 87.5060



75.8952, 74.7268, 74.6285



66.2229, 74.7268, 75.5178



66.3688, 74.7268, 88.4947

# Sweetspot

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



76.0571, 74.7301, 87.5076



92.2323, 95.0456, 105.8616



72.2112, 72.6123, 93.4297



19.5840, 20.0673, 22.4872



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.



76.0571, 74.7301, 87.5076



85.2138, 82.7782, 98.0664



74.5121, 74.1120, 79.3715



16.2071, 15.9326, 18.6468



23.0452, 11.4905, 18.6863



1.9639, 0.9746, 1.8008



# Inverse Universe

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



76.0571, 74.7301, 87.5076



85.2138, 82.7782, 98.0664



75.6816, 83.9420, 92.4636



16.2071, 15.9326, 18.6468



23.0452, 11.4905, 18.6863

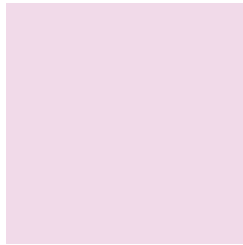


1.9639, 0.9746, 1.8008



# Previews

## White Background



This preview shows how the XYZ color 76.0550, 74.7268, 87.5060 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 76.0550, 74.7268, 87.5060 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

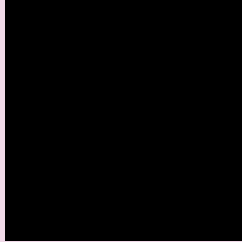
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 76.0550, 74.7268, 87.5060**

## **Background**



This preview shows how black text looks on a background with the XYZ color 76.0550, 74.7268, 87.5060.



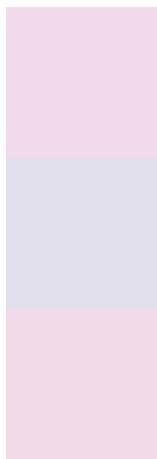
This preview shows how white text looks on a background with the XYZ color 76.0550, 74.7268,

87.5060.

# 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

76.0550, 74.7268, 87.5060

### Protanopia

72.5793, 74.8390, 89.9769

### Deuteranopia

76.3973, 74.9032, 87.5220



## Tritanopia

76.3424, 74.8417, 89.0195

# Trichromacy



## Original Color

76.0550, 74.7268, 87.5060

## Protanomaly

73.8068, 74.7000, 89.1258

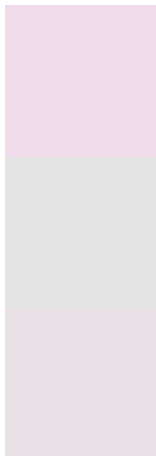
## Deuteranomaly

76.3973, 74.9032, 87.5220

## Tritanomaly

76.1983, 74.7841, 88.2606

# Monochromacy



## Original Color

76.0550, 74.7268, 87.5060

## Achromatopsia

73.0128, 76.8151, 83.6517

## Achromatomaly

74.0772, 76.1243, 84.9179

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.0550, 74.7268, 87.5060 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(241, 218, 233) looks like.

```
.text, #text, p{  
    color:rgb(241, 218, 233)  
}
```

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(241, 218, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 218, 233) }
```

## Border

The CSS property to change the border of an element to XYZ 76.0550, 74.7268, 87.5060 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(241, 218, 233) }
```



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

```
.border{ border-color:rgb(241, 218, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 218, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 218, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 218, 233); box-shadow:4px 4px 4px 4px rgb(241, 218, 233) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.0550, 74.7268, 87.5060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 218, 233) }
```

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

```
.background{ background-color: rgb(241,  
218, 233) }
```

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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