

# Converting Colors

XYZ(76.6487, 76.4202, 77.7286)

Have a look what the booklet for  
XYZ(76.6487, 76.4202, 77.7286)  
contains.

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# Color

**XYZ(76.6487, 76.4202,  
77.7286)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F6DDDB
RGB	246, 221, 219
RGB Percent	96%, 87%, 86%
CMY	0.0353, 0.1333, 0.1412
CMYK	0.00, 0.10, 0.11, 0.04
HSL	4°, 60%, 91%
HSV	4°, 11%, 96%
XYZ	76.6487, 76.4202, 77.7286
YIQ	228.2470, 15.5420, 4.6780

# Conversions

## Conversions Part 2

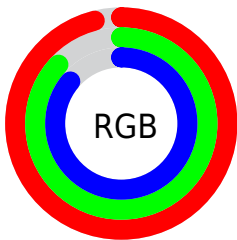
Format	Color
R <sub>Y</sub> B	246, 221, 219
Decimal	16178651
CIE Lab	90.05, 8.27, 4.11
CIE LCh	90, 9.232, 26.404
Yxy	76.4202, 0.3321, 0.3311
Android (android.graphics.Color)	4294368731 (0xFFF6DDDB)
YUV	228.2470, -4.5588, 15.5694
Hunter-Lab	87.4186, 3.5262, 8.4751

# Details

The XYZ color **76.6487, 76.4202, 77.7286** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.1984, 86.4137, 99.7477**, and the grayscale version is **73.9497, 77.8009, 84.7251**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5723, 40.8999, 40.8253** is the 20% darker color. If you saturate the color by 10%, you get **68.0363, 64.0004, 60.0431**, and if you desaturate by 10%, it is **86.5596, 90.6695, 98.2100**.

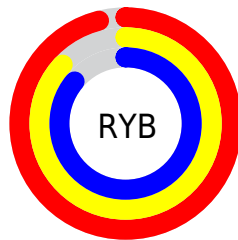
# Distribution



Red (96%)

Green (87%)

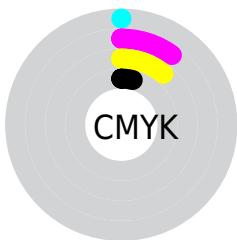
Blue (86%)



Red (96%)

Yellow (87%)

Blue (86%)

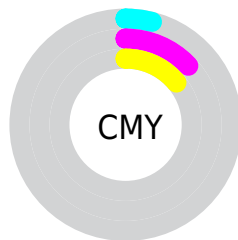


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (4%)



Cyan (4%)

Magenta (13%)


Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.6487, 76.4202, 77.7286 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 76.6487, 76.4202, 77.7286 by changing the saturation by 10% instead.




 76.6487, 76.4202,  
77.7286

 76.6487, 76.4202,  
77.7286


472.4758,  
482.7849, 506.7481

 57.2635, 56.7771,  
57.3359


127.6189,  
128.3207, 131.9499

 41.4578, 40.8263,  
40.8639


159.9347,  
161.3469, 166.6155

 28.8662, 28.1834,  
27.8938

197.2914,  
199.6030, 206.8759

 19.1234, 18.4640,  
18.0073

240.0543,  
243.4733, 253.1496

 11.8640, 11.2836,  
10.7857

288.5889,  
293.3423, 305.8552

 6.7227, 6.2579,  
5.8106

343.2604,

 3.3341, 3.0025,

349.5943, 365.4111

2.6633

404.4342,  
412.6137, 432.2359

■ 1.3328, 1.1331,  
0.9249

■ 0.2076, 0.0060,  
0.0000

■ 76.6487, 76.4202,  
77.7286

■ 76.6487, 76.4202,  
77.7286

■ 68.0363, 64.0004,  
60.0431

■ 86.5596, 90.6695,  
98.2100

■ 60.6626, 53.3263,  
45.0275

■ 91.8164, 98.3330,  
108.7487

■ 54.4724, 44.3227,  
32.5536

■ 49.4039, 36.9050,  
22.4807

■ 45.3897, 30.9813,  
14.6543

■ 42.3552, 26.4501,  
8.9019

■ 40.2158, 23.1973,  
5.0262

■ 38.8726, 21.0906,  
2.7913

■ 38.2270, 20.0342,  
1.8522

# Harmonies

## Analogous

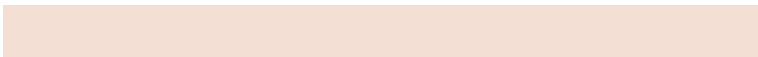
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.1165, 76.4202, 84.0017



76.6487, 76.4202, 77.7286



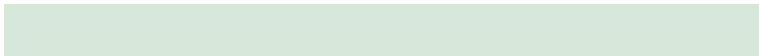
75.0976, 76.4202, 73.1454

# Triad

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



76.6487, 76.4202, 77.7286



69.0306, 76.4202, 76.4274



72.3594, 76.4202, 96.4323

# Complementary

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



76.6487, 76.4202, 77.7286



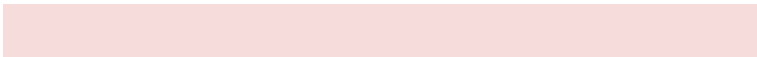
78.1984, 86.4137, 99.7477

# 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.



70.2270, 76.4202, 94.1549



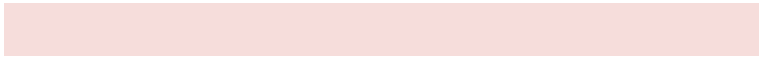
76.6487, 76.4202, 77.7286



68.3308, 76.4202, 82.4205

# Square

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



76.6487, 76.4202, 77.7286



70.6956, 76.4202, 72.4223



68.7641, 76.4202, 88.9403



74.6098, 76.4202, 95.0160



# Rectangle

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



76.6487, 76.4202, 77.7286



73.6746, 76.4202, 71.5492



68.7641, 76.4202, 88.9403



71.6054, 76.4202, 96.0704

# Sweetspot

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



76.6508, 76.4236, 77.7302



91.6247, 95.0813, 101.8025



79.6981, 76.8008, 96.3717



19.4203, 20.0766, 21.3942



0.0000, 0.0000, 0.0000

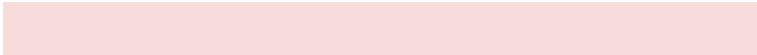


20.3446, 21.4041, 23.3091

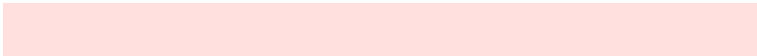


# Same Dimension

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



76.6508, 76.4236, 77.7302



81.1440, 80.0044, 80.1675



80.3015, 83.7250, 78.9471



16.5979, 16.6800, 17.1423



20.4408, 10.7671, 1.0009



1.8302, 1.0137, 0.0992

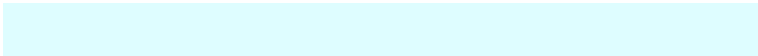


# Inverse Universe

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



78.1984, 86.4137, 99.7477



83.1083, 92.6859, 108.1176



74.3410, 78.6990, 98.4619



16.8853, 18.5348, 21.2302



23.6946, 33.1830, 51.6941

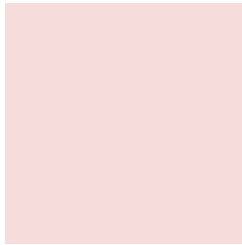


2.1134, 2.9781, 4.5537



# Previews

## White Background



This preview shows how the XYZ color 76.6487, 76.4202, 77.7286 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

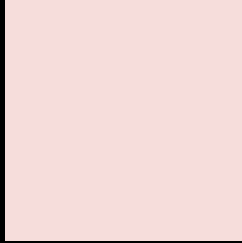
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.6487, 76.4202, 77.7286 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

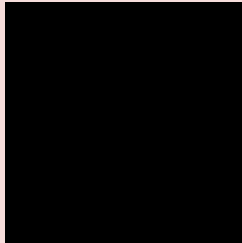
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 76.6487, 76.4202, 77.7286**

## **Background**



This preview shows how black text looks on a background with the XYZ color 76.6487, 76.4202, 77.7286.



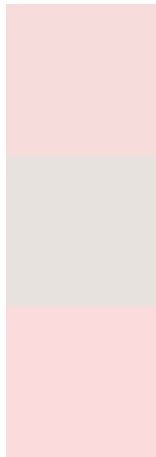
This preview shows how white text looks on a background with the XYZ color 76.6487, 76.4202,

77.7286.

# 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

76.6487, 76.4202, 77.7286

### Protanopia

73.6599, 76.8224, 80.0532

### Deuteranopia

77.9014, 76.2867, 77.6368



## Tritanopia

78.9231, 76.1554, 89.8966

# Trichromacy



## Original Color

76.6487, 76.4202, 77.7286

## Protanomaly

74.6319, 76.5363, 79.2461

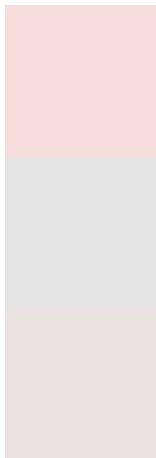
## Deuteranomaly

77.4463, 76.4406, 77.6905

## Tritanomaly

77.9722, 76.1504, 85.4518

# Monochromacy



## Original Color

76.6487, 76.4202, 77.7286

## Achromatopsia

73.7419, 77.5822, 84.4870

## Achromatomaly

74.7768, 76.9488, 82.1456

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.6487, 76.4202, 77.7286 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, 221, 219) looks like.

```
.text, #text, p{  
    color:rgb(246, 221, 219)  
}
```

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, 221, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 221, 219) }
```

## Border

The CSS property to change the border of an element to XYZ 76.6487, 76.4202, 77.7286 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, 221, 219) }
```



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

```
.border{ border-color:rgb(246, 221, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 221, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 221, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 221, 219);  
box-shadow:4px 4px 4px 4px rgb(246, 221,  
219) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.6487, 76.4202, 77.7286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 221, 219) }
```

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

```
.background{ background-color: rgb(246,  
221, 219) }
```

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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