

# Converting Colors

XYZ(76.3188, 77.6298, 73.8964)

Have a look what the booklet for  
XYZ(76.3188, 77.6298, 73.8964)  
contains.

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# Color

**XYZ(76.3221, 77.5279,  
73.8926)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F5E0D5
RGB	245, 224, 213
RGB Percent	96%, 88%, 84%
CMY	0.0392, 0.1215, 0.1647
CMYK	0.00, 0.09, 0.13, 0.04
HSL	21°, 62%, 90%
HSV	21°, 13%, 96%
XYZ	76.3221, 77.5279, 73.8926
YIQ	229.0250, 16.0470, 1.0310

# Conversions

## Conversions Part 2

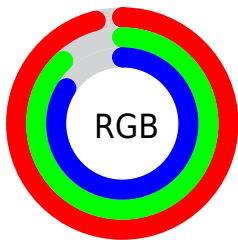
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 230, 213
Decimal	16113877
CIE Lab	90.56, 5.41, 7.98
CIE LCh	91, 9.636, 55.852
Yxy	77.5279, 0.3351, 0.3404
Android (android.graphics.Color)	4294303957 (0xFFFF5E0D5)
YUV	229.0250, -7.9003, 14.0101
Hunter-Lab	88.0499, 0.6373, 11.8780

# Details

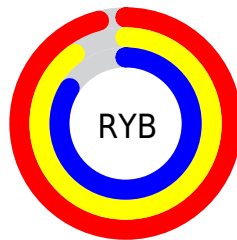
The XYZ color **76.3221, 77.5279, 73.8926** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.3445, 79.5828, 97.8823**, and the grayscale version is **74.5444, 78.4265, 85.4065**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3458, 41.6634, 38.2104** is the 20% darker color. If you saturate the color by 10%, you get **69.3269, 68.1434, 57.3600**, and if you desaturate by 10%, it is **84.1999, 87.9241, 93.0389**.

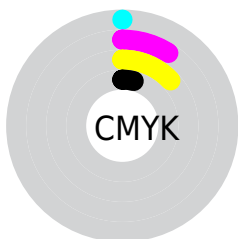
# Distribution



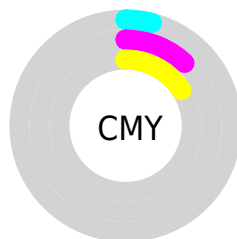
- Red (96%)
- Green (88%)
- Blue (84%)



- Red (96%)
- Yellow (90%)
- 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 76.3221, 77.5279, 73.8926 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 76.3221, 77.5279, 73.8926 by changing the saturation by 10% instead.




 76.3221, 77.5279,  
73.8926

 76.3221, 77.5279,  
73.8926


471.3771,  
486.5620, 493.2561

 56.9946, 57.6862,  
54.2099


127.1600,  
129.8844, 126.4762

 41.2411, 41.5565,  
38.3752


159.4012,  
163.1680, 160.2141

 28.6960, 28.7541,  
25.9699

196.6777,  
201.7011, 199.4742

 18.9941, 18.8949,  
16.5756

239.3549,  
245.8680, 244.6751

 11.7700, 11.5944,  
9.7736

287.7980,  
296.0532, 296.2351

 6.6583, 6.4681,  
5.1455

342.3725,

 3.2938, 3.1318,

352.6410, 354.5729

2.2726

403.4438,  
416.0158, 420.1071

■ 1.3110, 1.2009,  
0.7158

■ 0.1914, 0.0624,  
0.0000

■ 76.3221, 77.5279,  
73.8926

■ 76.3221, 77.5279,  
73.8926

■ 69.3269, 68.1434,  
57.3600

■ 84.1999, 87.9241,  
93.0389

■ 63.1756, 59.7293,  
43.3219

■ 91.4665, 98.1526,  
108.7323

■ 57.8360, 52.2566,  
31.6569

■ 53.2712, 45.6906,  
22.2315

■ 49.4410, 39.9947,  
14.8990

■ 46.3015, 35.1292,  
9.4947

■ 43.8028, 31.0508,  
5.8287

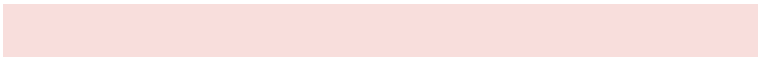
■ 41.8868, 27.7113,  
3.6715

■ 40.8466, 25.7927,  
2.8256

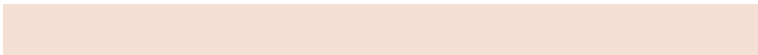
# Harmonies

## Analogous

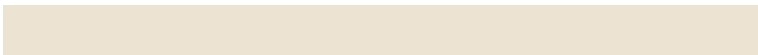
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9409, 77.5279, 78.7544



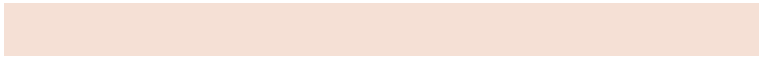
76.3221, 77.5279, 73.8926



74.0239, 77.5279, 71.8480

# Triad

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



76.3221, 77.5279, 73.8926



69.1584, 77.5279, 83.4575



75.7288, 77.5279, 96.9409

# Complementary

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



76.3221, 77.5279, 73.8926



73.3445, 79.5828, 97.8823

# 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.



73.3530, 77.5279, 98.3674



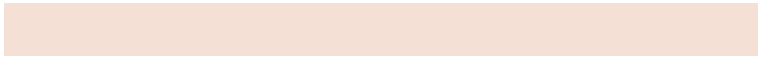
76.3221, 77.5279, 73.8926



69.5926, 77.5279, 90.3399

# Square

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



76.3221, 77.5279, 73.8926



69.9160, 77.5279, 77.1762



71.1151, 77.5279, 95.8911



77.5932, 77.5279, 92.0922



# Rectangle

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



76.3221, 77.5279, 73.8926



72.4284, 77.5279, 72.2713



71.1151, 77.5279, 95.8911



74.9620, 77.5279, 97.8475

# Sweetspot

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



76.3242, 77.5313, 73.8942



91.3530, 95.1645, 99.7800



76.3506, 72.9618, 88.1530



19.4083, 20.1788, 21.0014



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

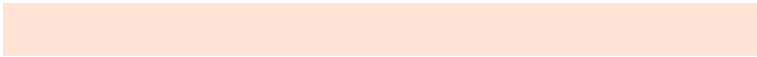


# Same Dimension

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



76.3242, 77.5313, 73.8942



81.2101, 81.7391, 75.2493



80.7293, 86.3415, 75.3626



16.9650, 17.4142, 17.2647



22.1204, 14.1264, 1.5608



2.0361, 1.4255, 0.1678

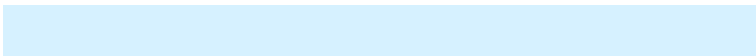


# Inverse Universe

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



73.3445, 79.5828, 97.8823



77.2862, 84.4386, 106.8326



69.0810, 71.0557, 96.4611



16.4890, 17.7422, 21.0981



15.8550, 17.5037, 49.0809

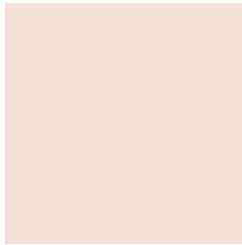


1.4890, 1.7293, 4.3456



# Previews

## White Background



This preview shows how the XYZ color 76.3221, 77.5279, 73.8926 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

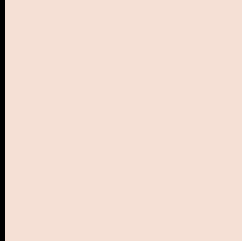
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.3221, 77.5279, 73.8926 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

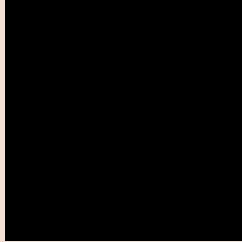
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 76.3221, 77.5279, 73.8926**

## **Background**



This preview shows how black text looks on a background with the XYZ color 76.3221, 77.5279, 73.8926.



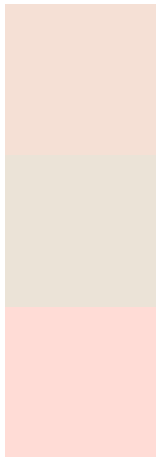
This preview shows how white text looks on a background with the XYZ color 76.3221, 77.5279,



# 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**

76.3221, 77.5279, 73.8926

**Protanopia**

73.9958, 77.5066, 75.3503

**Deuteranopia**

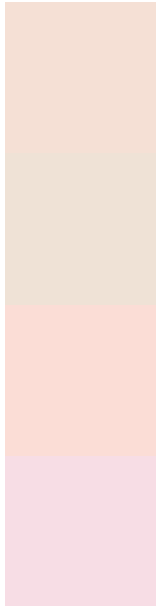
78.9708, 77.3014, 74.3768



## Tritanopia

79.7372, 77.3159, 91.6098

# Trichromacy



## Original Color

76.3221, 77.5279, 73.8926

## Protanomaly

74.9306, 77.5985, 74.6471

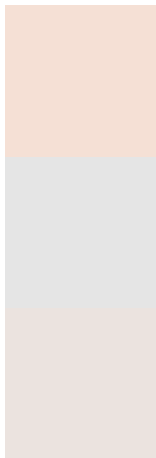
## Deuteranomaly

77.7777, 77.0772, 74.3964

## Tritanomaly

78.3571, 77.1442, 84.8892

# Monochromacy



## Original Color

76.3221, 77.5279, 73.8926

## Achromatopsia

74.4753, 78.3538, 85.3273

## Achromatomaly

75.0493, 77.9281, 80.8981

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.3221, 77.5279, 73.8926 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(245, 224, 213) looks like.

```
.text, #text, p{  
    color:rgb(245, 224, 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(245, 224, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 224, 213) }
```

## Border

The CSS property to change the border of an element to XYZ 76.3221, 77.5279, 73.8926 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(245, 224, 213) }
```



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

```
.border{ border-color:rgb(245, 224, 213) }
```

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

Here you see how a box with a 4 pixel rgb(245, 224, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 224, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 224, 213);  
box-shadow:4px 4px 4px 4px rgb(245, 224,  
213) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.3221, 77.5279, 73.8926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 224, 213) }
```

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

```
.background{ background-color: rgb(245,  
224, 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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