

# Converting Colors

XYZ(76.6750, 77.8120, 75.1580)

Have a look what the booklet for  
XYZ(76.6750, 77.8120, 75.1580)  
contains.

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# Color

**XYZ(76.5776, 77.6301,  
75.2380)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F5E0D7
RGB	245, 224, 215
RGB Percent	96%, 88%, 84%
CMY	0.0392, 0.1215, 0.1569
CMYK	0.00, 0.09, 0.12, 0.04
HSL	18°, 60%, 90%
HSV	18°, 12%, 96%
XYZ	76.5776, 77.6301, 75.2380
YIQ	229.2530, 15.4050, 1.6530

# Conversions

## Conversions Part 2

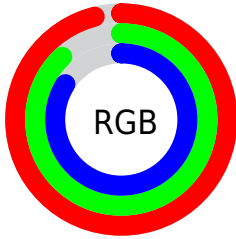
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 228, 215
Decimal	16113879
CIE Lab	90.61, 5.73, 7.00
CIE LCh	91, 9.040, 50.701
Yxy	77.6301, 0.3338, 0.3383
Android (android.graphics.Color)	4294303959 (0xFFFF5E0D7)
YUV	229.2530, -7.0267, 13.8101
Hunter-Lab	88.1079, 0.9515, 11.0461

# Details

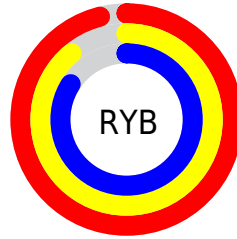
The XYZ color **76.5776, 77.6301, 75.2380** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.5009, 81.0289, 98.1005**, and the grayscale version is **74.7064, 78.5970, 85.5921**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5194, 41.7328, 39.1246** is the 20% darker color. If you saturate the color by 10%, you get **69.2845, 67.7099, 58.4207**, and if you desaturate by 10%, it is **84.8112, 88.6752, 94.6965**.

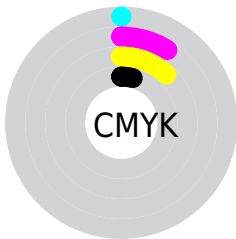
# Distribution



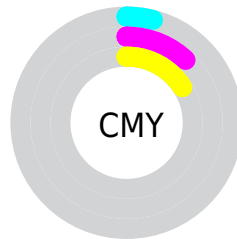
- Red (96%)
- Green (88%)
- Blue (84%)



- Red (96%)
- Yellow (89%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (4%)




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


# Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5776, 77.6301, 75.2380 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 76.5776, 77.6301, 75.2380 by changing the saturation by 10% instead.




 76.5776, 77.6301,  
75.2380

 76.5776, 77.6301,  
75.2380


472.2367,  
486.9097, 498.0124

 57.2050, 57.7702,  
55.3050


127.5191,  
130.0285, 128.3994

 41.4106, 41.6239,  
39.2457

159.8186,  
163.3359, 162.4649

 28.8292, 28.8069,  
26.6416


197.1578,  
201.8944, 202.0782

 19.0952, 18.9348,  
17.0742

239.9021,  
246.0886, 247.6580

 11.8435, 11.6232,  
10.1249

288.4168,  
296.3028, 299.6228

 6.7087, 6.4876,  
5.3752

343.0672,

 3.3253, 3.1438,

352.9215, 358.3911

2.4065

404.2187,  
416.3290, 424.3815

■ 1.3280, 1.2073,  
0.7900

■ 0.2040, 0.0676,  
0.0000

■ 76.5776, 77.6301,  
75.2380

■ 76.5776, 77.6301,  
75.2380

■ 69.2845, 67.7099,  
58.4207

■ 84.8112, 88.6752,  
94.6965

■ 62.8910, 58.8687,  
44.1251

■ 91.4665, 98.1527,  
108.7323

■ 57.3623, 51.0720,  
32.2299

■ 52.6589, 44.2799,  
22.6014

■ 48.7381, 38.4498,  
15.0932

■ 45.5528, 33.5358,  
9.5412

■ 43.0503, 29.4876,  
5.7567

■ 41.1689, 26.2493,  
3.5129

■ 40.0745, 24.2486,  
2.5683

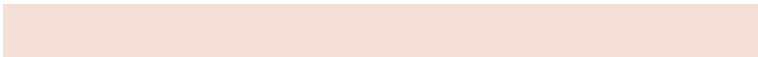
# Harmonies

## Analogous

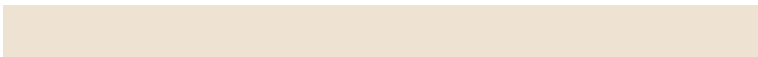
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9339, 77.6301, 80.1939



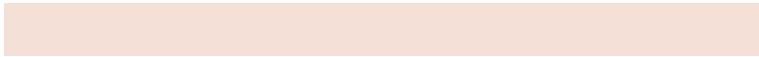
76.5776, 77.6301, 75.2380



74.4910, 77.6301, 72.8066

# Triad

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



76.5776, 77.6301, 75.2380



69.5707, 77.6301, 82.5267



75.3351, 77.6301, 96.7367

# Complementary

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



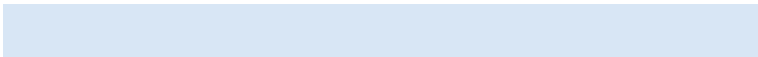
76.5776, 77.6301, 75.2380



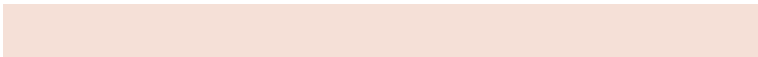
74.5009, 81.0289, 98.1005

# 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.



73.0837, 77.6301, 97.4400



76.5776, 77.6301, 75.2380



69.7862, 77.6301, 89.0114

# Square

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



76.5776, 77.6301, 75.2380



70.4664, 77.6301, 76.8707



71.0613, 77.6301, 94.5485



77.2064, 77.6301, 92.6733



# Rectangle

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



76.5776, 77.6301, 75.2380



72.9795, 77.6301, 72.8545



71.0613, 77.6301, 94.5485



74.5966, 77.6301, 97.3818

# Sweetspot

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



76.5797, 77.6335, 75.2397



91.2157, 94.8901, 99.7342



77.0979, 74.0706, 89.5913



19.3737, 20.1095, 20.9898



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

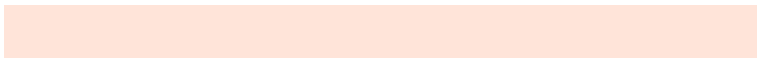


# Same Dimension

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



76.5797, 77.6335, 75.2397



81.5388, 81.8706, 76.9803



80.7893, 86.0527, 76.6428



16.9046, 17.2933, 17.2445



21.6942, 13.2739, 1.4187



1.9929, 1.3390, 0.1534

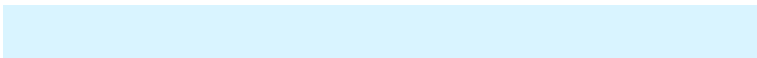


# Inverse Universe

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



74.5009, 81.0289, 98.1005



78.7972, 86.3459, 107.1211



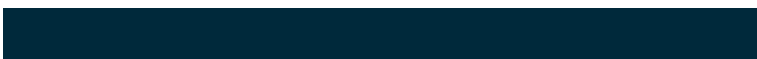
70.3632, 72.7536, 96.7213



16.5523, 17.8689, 21.1192



16.8984, 19.5906, 49.4288

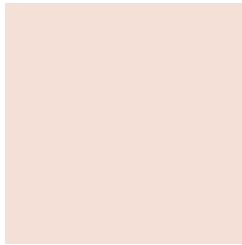


1.5749, 1.9012, 4.3742



# Previews

## White Background



This preview shows how the XYZ color 76.5776, 77.6301, 75.2380 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

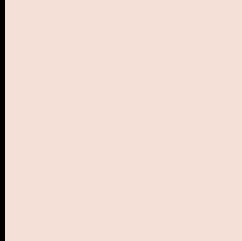
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 76.5776, 77.6301, 75.2380 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

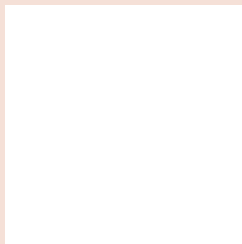
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 76.5776, 77.6301, 75.2380**

## **Background**



This preview shows how black text looks on a background with the XYZ color 76.5776, 77.6301, 75.2380.



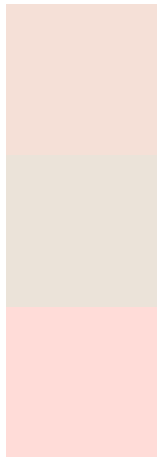
This preview shows how white text looks on a background with the XYZ color 76.5776, 77.6301,

75.2380.

# 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

76.5776, 77.6301, 75.2380

### Protanopia

74.2544, 77.6101, 76.7123

### Deuteranopia

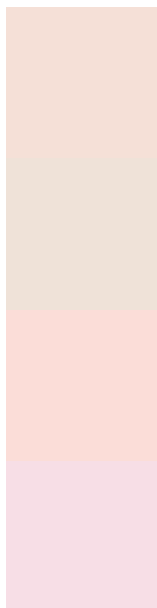
79.2279, 77.4043, 75.7305



## Tritanopia

80.0005, 77.8424, 91.6975

# Trichromacy



## Original Color

76.5776, 77.6301, 75.2380

## Protanomaly

75.1876, 77.7013, 76.0008

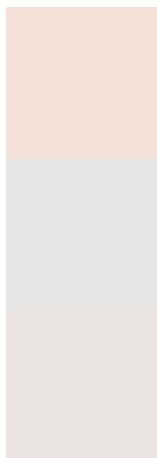
## Deuteranomaly

78.0348, 77.1800, 75.7501

## Tritanomaly

78.7620, 77.7299, 85.7151

# Monochromacy



## Original Color

76.5776, 77.6301, 75.2380

## Achromatopsia

74.4753, 78.3538, 85.3273

## Achromatomaly

75.1846, 77.9822, 81.6104

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 76.5776, 77.6301, 75.2380 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, 215) looks like.

```
.text, #text, p{  
    color:rgb(245, 224, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 224, 215) }
```

## Border

The CSS property to change the border of an element to XYZ 76.5776, 77.6301, 75.2380 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, 215) }
```



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

```
.border{ border-color:rgb(245, 224, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 224, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 224, 215);  
box-shadow:4px 4px 4px 4px rgb(245, 224,  
215) }
```

# Background

The CSS property to change the background color of an element to XYZ 76.5776, 77.6301, 75.2380 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, 215) }
```

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

```
.background{ background-color: rgb(245,  
224, 215) }
```

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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