

Converting Colors

XYZ(76.3305, 77.0719, 73.9018)

Have a look what the booklet for
XYZ(76.3305, 77.0719, 73.9018)
contains.

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Color

**XYZ(76.4040, 77.1723,
73.8196)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DFD5
RGB	246, 223, 213
RGB Percent	96%, 87%, 84%
CMY	0.0353, 0.1255, 0.1647
CMYK	0.00, 0.09, 0.13, 0.04
HSL	18°, 65%, 90%
HSV	18°, 13%, 96%
XYZ	76.4040, 77.1723, 73.8196
YIQ	228.7370, 16.9180, 1.7660

Conversions

Conversions Part 2

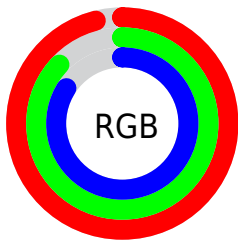
Format	Color
R _Y B	246, 227, 213
Decimal	16179157
CIE Lab	90.40, 6.28, 7.75
CIE LCh	90, 9.976, 50.992
Yxy	77.1723, 0.3360, 0.3394
Android (android.graphics.Color)	4294369237 (0xFFFF6DFD5)
YUV	228.7370, -7.7583, 15.1397
Hunter-Lab	87.8478, 1.5135, 11.6713

Details

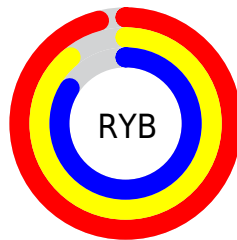
The XYZ color **76.4040, 77.1723, 73.8196** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.0703, 80.7893, 98.8796**, and the grayscale version is **74.3312, 78.2022, 85.1622**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4094, 41.4210, 38.1603** is the 20% darker color. If you saturate the color by 10%, you get **69.1654, 67.3182, 57.1525**, and if you desaturate by 10%, it is **84.5843, 88.1501, 93.1391**.

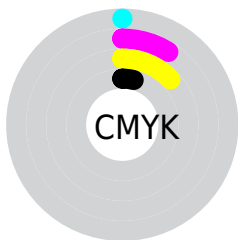
Distribution



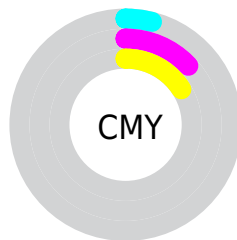
- Red (96%)
- Green (87%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (9%)
- Yellow (13%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.4040, 77.1723, 73.8196 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 76.4040, 77.1723, 73.8196 by changing the saturation by 10% instead.


 76.4040, 77.1723,
73.8196

 76.4040, 77.1723,
73.8196

471.6527,
485.3513, 492.9973

 57.0621, 57.3943,
54.1505


127.2751,
129.3827, 126.3717

 41.2954, 41.3219,
38.3280


159.5350,
162.5838, 160.0918

 28.7387, 28.5707,
25.9336


196.8317,
201.0282, 199.3327

 19.0265, 18.7563,
16.5486

239.5303,
245.1001, 244.5129

 11.7936, 11.4943,
9.7547

287.9964,
295.1839, 296.0509

 6.6745, 6.4004,
5.1331

342.5953,

 3.3039, 3.0900,

351.6642, 354.3652

2.2655

403.6922,
414.9252, 419.8745

■ 1.3164, 1.1789,
0.7118

■ 0.1955, 0.0444,
0.0000

■ 76.4040, 77.1723,
73.8196

■ 76.4040, 77.1723,
73.8196

■ 69.1654, 67.3182,
57.1525

■ 84.5843, 88.1501,
93.1391

■ 62.8271, 58.5417,
43.0163

■ 91.8164, 98.3330,
108.7487

■ 57.3539, 50.8082,
31.2874

■ 52.7059, 44.0775,
21.8295

■ 48.8396, 38.3065,
14.4929

■ 45.7071, 33.4491,
9.1094

■ 43.2545, 29.4543,
5.4851

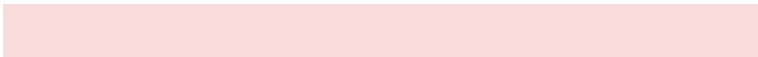
■ 41.4187, 26.2656,
3.3849

■ 40.4940, 24.5683,
2.6079

Harmonies

Analogous

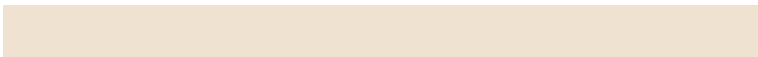
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9099, 77.1723, 79.2119



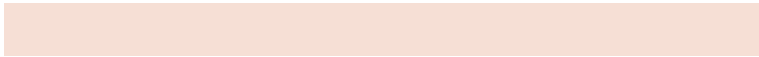
76.4040, 77.1723, 73.8196



74.1019, 77.1723, 71.2031

Triad

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



76.4040, 77.1723, 73.8196



68.7235, 77.1723, 81.8996



75.0780, 77.1723, 97.4860

Complementary

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



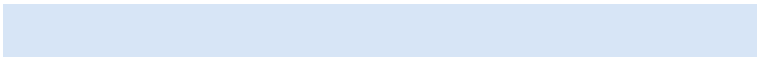
76.4040, 77.1723, 73.8196



74.0703, 80.7893, 98.8796

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.



72.6031, 77.1723, 98.3062



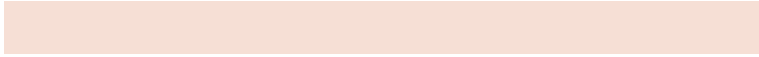
76.4040, 77.1723, 73.8196



68.9715, 77.1723, 89.0345

Square

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



76.4040, 77.1723, 73.8196



69.6932, 77.1723, 75.6916



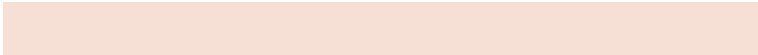
70.3784, 77.1723, 95.1356



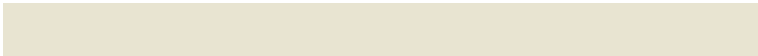
77.1324, 77.1723, 92.9541

Rectangle

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



76.4040, 77.1723, 73.8196



72.4411, 77.1723, 71.2769



70.3784, 77.1723, 95.1356



74.2664, 77.1723, 98.2147

Sweetspot

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



76.4061, 77.1757, 73.8212



91.2252, 94.9090, 99.7374



76.9561, 73.2444, 89.5156



19.3760, 20.1143, 20.9906



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

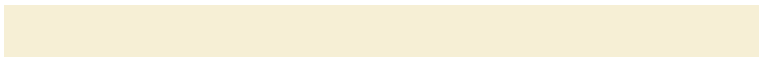
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4061, 77.1757, 73.8212



80.7546, 80.8281, 75.0975



81.0009, 86.3654, 75.3528



16.9087, 17.3016, 17.2459



21.7215, 13.3285, 1.4278



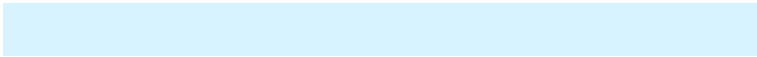
1.9957, 1.3447, 0.1544

Inverse Universe

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



74.0703, 80.7893, 98.8796



77.7802, 85.4267, 106.9973



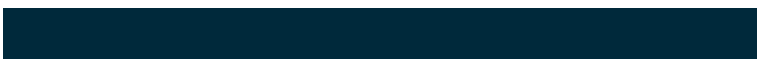
69.5645, 71.7777, 97.3777



16.5479, 17.8601, 21.1178



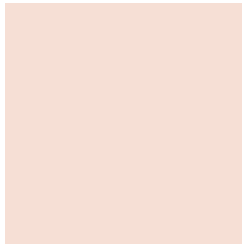
16.8237, 19.4413, 49.4039



1.5688, 1.8890, 4.3722

Previews

White Background



This preview shows how the XYZ color 76.4040, 77.1723, 73.8196 looks on a white background.

Color Contrast Check

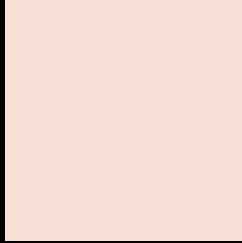
Large Text (above 18pt) WCAG AA × Fail

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 76.4040, 77.1723, 73.8196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

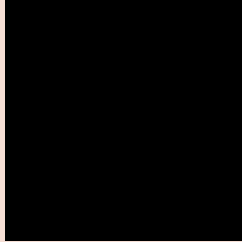
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.4040, 77.1723, 73.8196

Background



This preview shows how black text looks on a background with the XYZ color 76.4040, 77.1723, 73.8196.



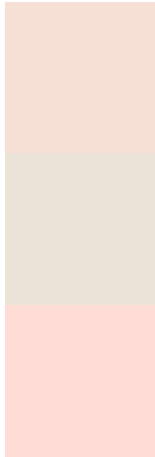
This preview shows how white text looks on a background with the XYZ color 76.4040, 77.1723,

73.8196.

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

76.4040, 77.1723, 73.8196

Protanopia

73.9958, 77.5066, 75.3503

Deuteranopia

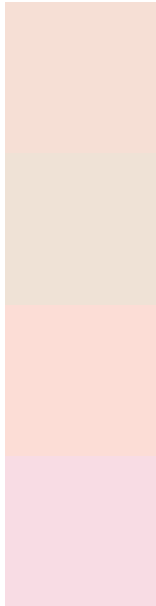
78.9708, 77.3014, 74.3768



Tritanopia

79.6845, 76.9172, 90.7674

Trichromacy



Original Color

76.4040, 77.1723, 73.8196

Protanomaly

74.9306, 77.5985, 74.6471

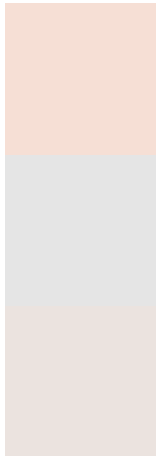
Deuteranomaly

78.1389, 77.2634, 74.4133

Tritanomaly

78.3082, 76.7443, 84.0846

Monochromacy



Original Color

76.4040, 77.1723, 73.8196

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 76.4040, 77.1723, 73.8196 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, 223, 213) looks like.

```
.text, #text, p{  
    color:rgb(246, 223, 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(246, 223, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 223, 213) }
```

Border

The CSS property to change the border of an element to XYZ 76.4040, 77.1723, 73.8196 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, 223, 213) }
```


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

```
.border{ border-color:rgb(246, 223, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 223, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 223, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 223, 213);  
box-shadow:4px 4px 4px 4px rgb(246, 223,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4040, 77.1723, 73.8196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 223, 213) }
```

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

```
.background{ background-color: rgb(246,  
223, 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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