

Converting Colors

XYZ(76.2981, 77.0834, 75.1397)

Have a look what the booklet for
XYZ(76.2981, 77.0834, 75.1397)
contains.

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Color

**XYZ(76.3096, 77.0941,
75.1487)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DFD7
RGB	245, 223, 215
RGB Percent	96%, 87%, 84%
CMY	0.0392, 0.1255, 0.1569
CMYK	0.00, 0.09, 0.12, 0.04
HSL	16°, 60%, 90%
HSV	16°, 12%, 96%
XYZ	76.3096, 77.0941, 75.1487
YIQ	228.6660, 15.6800, 2.1760

Conversions

Conversions Part 2

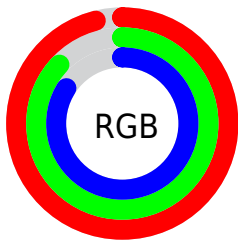
Format	Color
R _Y B	245, 226, 215
Decimal	16113623
CIE Lab	90.36, 6.24, 6.64
CIE LCh	90, 9.115, 46.775
Yxy	77.0941, 0.3339, 0.3373
Android (android.graphics.Color)	4294303703 (0xFFFF5DFD7)
YUV	228.6660, -6.7373, 14.3249
Hunter-Lab	87.8032, 1.4783, 10.7174

Details

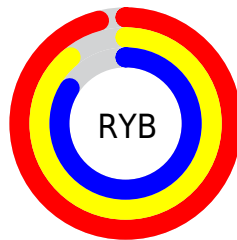
The XYZ color **76.3096, 77.0941, 75.1487** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.7897, 81.6065, 98.1968**, and the grayscale version is **74.2724, 78.1403, 85.0948**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3341, 41.3621, 39.0629** is the 20% darker color. If you saturate the color by 10%, you get **68.8473, 66.8354, 58.2750**, and if you desaturate by 10%, it is **84.7569, 88.5666, 94.6784**.

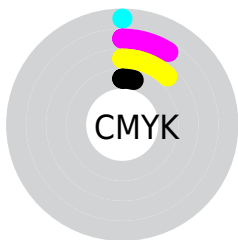
Distribution



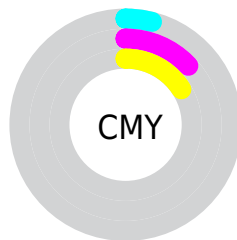
- Red (96%)
- Green (87%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3096, 77.0941, 75.1487 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 76.3096, 77.0941, 75.1487 by changing the saturation by 10% instead.

76.3096, 77.0941,
75.1487

76.3096, 77.0941,
75.1487

471.3350,
485.0848, 497.6976

56.9844, 57.3301,
55.2323

127.1425,
129.2723, 128.2719

41.2328, 41.2703,
39.1878

159.3808,
162.4553, 162.3157

28.6895, 28.5304,
26.5969

196.6542,
200.8801, 201.9057

18.9891, 18.7258,
17.0410

239.3281,
244.9311, 247.4604

11.7664, 11.4724,
10.1015

287.7677,
294.9927, 299.3984

6.6559, 6.3855,
5.3598

342.3385,

3.2922, 3.0809,

351.4492, 358.1383

2.3975

403.4058,
414.6851, 424.0985

■ 1.3101, 1.1741,
0.7851

■ 0.1908, 0.0404,
0.0000

■ 76.3096, 77.0941,
75.1487

■ 76.3096, 77.0941,
75.1487

■ 68.8473, 66.8354,
58.2750

■ 84.7569, 88.5666,
94.6784

■ 62.3268, 57.7403,
43.9371

■ 91.4665, 98.1527,
108.7323

■ 56.7113, 49.7700,
32.0129

■ 51.9588, 42.8796,
22.3681

■ 48.0239, 37.0213,
14.8551

■ 44.8566, 32.1433,
9.3091

■ 42.4009, 28.1890,
5.5402

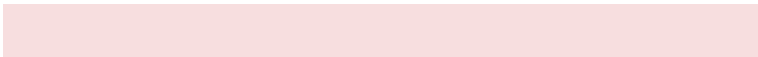
■ 40.5918, 25.0951,
3.3205

■ 39.5681, 23.2358,
2.3995

Harmonies

Analogous

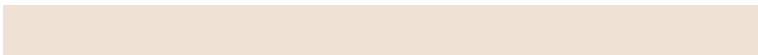
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.5400, 77.0941, 80.3817



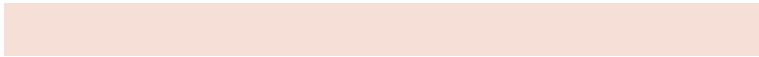
76.3096, 77.0941, 75.1487



74.2800, 77.0941, 72.3383

Triad

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



76.3096, 77.0941, 75.1487



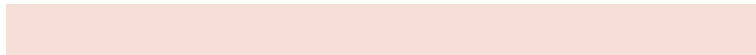
69.1031, 77.0941, 81.1114



74.5442, 77.0941, 96.5051

Complementary

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



76.3096, 77.0941, 75.1487



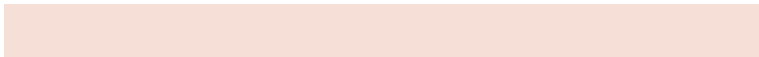
74.7897, 81.6065, 98.1968

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.



72.2803, 77.0941, 96.7254



76.3096, 77.0941, 75.1487



69.1705, 77.0941, 87.6066

Square

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



76.3096, 77.0941, 75.1487



70.1371, 77.0941, 75.6590



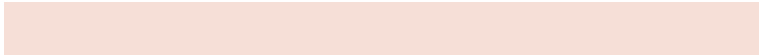
70.3232, 77.0941, 93.3966



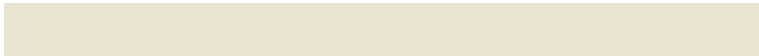
76.5064, 77.0941, 92.8093

Rectangle

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



76.3096, 77.0941, 75.1487



72.7613, 77.0941, 72.1171



70.3232, 77.0941, 93.3966



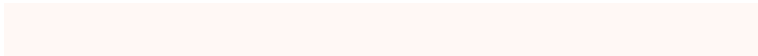
73.7924, 77.0941, 96.9945

Sweetspot

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



76.3117, 77.0975, 75.1503



91.1114, 94.6813, 99.6994



77.2436, 74.1289, 90.3588



19.3473, 20.0568, 20.9810



0.0000, 0.0000, 0.0000



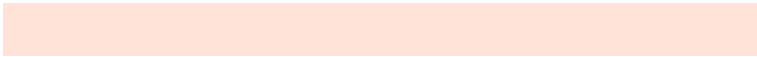
20.3446, 21.4041, 23.3091

Same Dimension

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



76.3117, 77.0975, 75.1503



81.1888, 81.1706, 76.8637



80.4974, 85.4688, 76.5455



16.8587, 17.2016, 17.2293



21.4126, 12.7107, 1.3249



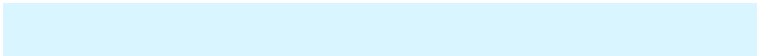
1.9631, 1.2794, 0.1435

Inverse Universe

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



74.7897, 81.6065, 98.1968



79.1813, 87.1139, 107.2491



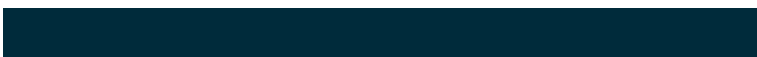
70.6281, 73.2833, 96.8096



16.6008, 17.9660, 21.1354



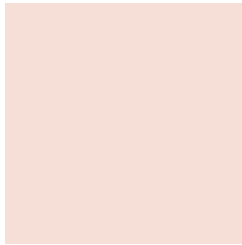
17.7512, 21.2962, 49.7130



1.6443, 2.0400, 4.3973

Previews

White Background



This preview shows how the XYZ color 76.3096, 77.0941, 75.1487 looks on a white background.

Color Contrast Check

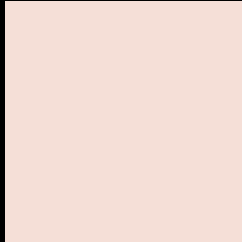
Large Text (above 18pt) WCAG AA × Fail

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 76.3096, 77.0941, 75.1487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

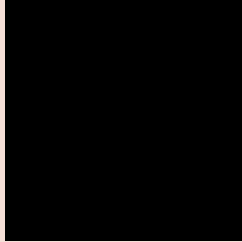
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

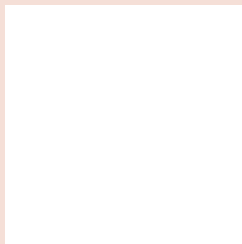
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3096, 77.0941, 75.1487

Background



This preview shows how black text looks on a background with the XYZ color 76.3096, 77.0941, 75.1487.



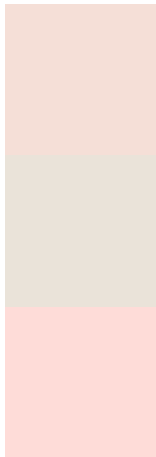
This preview shows how white text looks on a background with the XYZ color 76.3096, 77.0941,

75.1487.

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

76.3096, 77.0941, 75.1487

Protanopia

73.9252, 77.4403, 76.6968

Deuteranopia

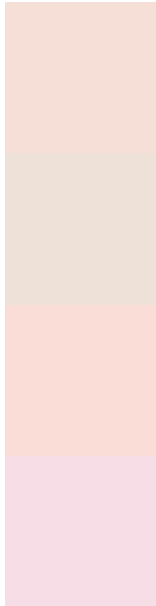
78.8609, 77.2151, 75.7133



Tritanopia

79.5907, 77.2573, 90.8380

Trichromacy



Original Color

76.3096, 77.0941, 75.1487

Protanomaly

74.8509, 77.5277, 75.9850

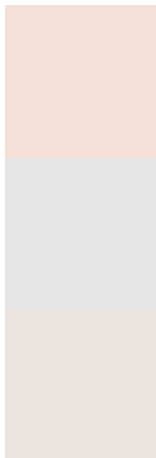
Deuteranomaly

78.0348, 77.1800, 75.7501

Tritanomaly

78.3571, 77.1442, 84.8892

Monochromacy



Original Color

76.3096, 77.0941, 75.1487

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 76.3096, 77.0941, 75.1487 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, 223, 215)` looks like.

```
.text, #text, p{  
    color:rgb(245, 223, 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, 223, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 223, 215) }
```

Border

The CSS property to change the border of an element to XYZ 76.3096, 77.0941, 75.1487 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, 223, 215) }
```


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

```
.border{ border-color:rgb(245, 223, 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, 223, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 223, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 223, 215);  
box-shadow:4px 4px 4px 4px rgb(245, 223,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3096, 77.0941, 75.1487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 223, 215) }
```

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

```
.background{ background-color: rgb(245,  
223, 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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