

Converting Colors

XYZ(76.7091, 78.6043, 69.0771)

Have a look what the booklet for
XYZ(76.7091, 78.6043, 69.0771)
contains.

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Color

**XYZ(76.5736, 78.5746,
68.8882)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F7E2CD |
| RGB | 247, 226, 205 |
| RGB Percent | 97%, 89%, 80% |
| CMY | 0.0314, 0.1137, 0.1961 |
| CMYK | 0.00, 0.08, 0.17, 0.03 |
| HSL | 30°, 72%, 89% |
| HSV | 30°, 17%, 97% |
| XYZ | 76.5736, 78.5746, 68.8882 |
| YIQ | 229.8850, 19.2570, -2.0790 |

Conversions

Conversions Part 2

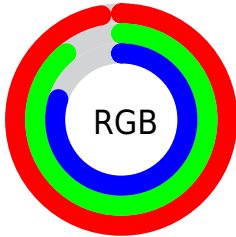
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 247, 247, 205 |
| Decimal | 16245453 |
| CIE Lab | 91.04, 3.86, 12.86 |
| CIE LCh | 91, 13.426, 73.286 |
| Yxy | 78.5746, 0.3418, 0.3507 |
| Android (android.graphics.Color) | 4294435533 (0xFFF7E2CD) |
| YUV | 229.8850, -12.2683, 15.0099 |
| Hunter-Lab | 88.6423, -0.9270, 15.9725 |

Details

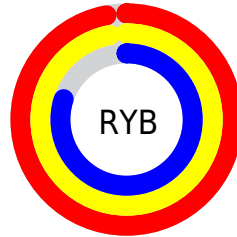
The XYZ color **76.5736, 78.5746, 68.8882** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.1615, 74.0858, 98.6512**, and the grayscale version is **75.2084, 79.1251, 86.1672**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3840, 42.3073, 35.2631** is the 20% darker color. If you saturate the color by 10%, you get **70.5873, 71.0024, 53.3258**, and if you desaturate by 10%, it is **83.2767, 86.8257, 87.0135**.

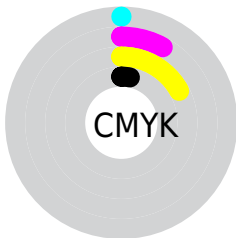
Distribution



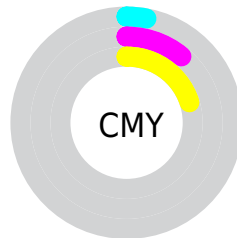
- Red (97%)
- Green (89%)
- Blue (80%)



- Red (97%)
- Yellow (97%)
- Blue (80%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (3%)





- Cyan (3%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5736, 78.5746, 68.8882 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 76.5736, 78.5746, 68.8882 by changing the saturation by 10% instead.


 76.5736, 78.5746,
68.8882

 76.5736, 78.5746,
68.8882


472.2232,
490.1160, 475.3198

 57.2017, 58.5461,
50.1495


127.5134,
131.3598, 119.2881

 41.4080, 42.2479,
35.1602


159.8121,
164.8853, 151.7863

 28.8271, 29.2954,
23.5017


197.1503,
203.6786, 189.7081

 19.0937, 19.3044,
14.7557

239.8935,
248.1242, 233.4721

 11.8424, 11.8904,
8.5034

288.4071,
298.6063, 283.4966

 6.7079, 6.6691,
4.3263

343.0563,

 3.3248, 3.2560,

355.5093, 340.2004

1.8060

404.2066,
419.2178, 404.0020

■ 1.3278, 1.2668,
0.4319

■ 0.2038, 0.1153,
0.0000

■ 76.5736, 78.5746,
68.8882

■ 76.5736, 78.5746,
68.8882

■ 70.5873, 71.0024,
53.3258

■ 83.2767, 86.8257,
87.0135

■ 65.2844, 64.0797,
40.2037

■ 90.7157, 95.7633,
107.8067

■ 60.6380, 57.7900,
29.3964

■ 92.1681, 98.5143,
108.7651

■ 56.6166, 52.1121,
20.7653

■ 53.1858, 47.0233,
14.1567

■ 50.3072, 42.4988,
9.3966

■ 47.9362, 38.5111,
6.2806

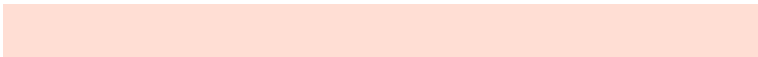
■ 46.0174, 35.0280,
4.5482

■ 45.5066, 34.0714,
4.1780

Harmonies

Analogous

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



79.5301, 78.5746, 73.3800



76.5736, 78.5746, 68.8882



73.1945, 78.5746, 68.6383

Triad

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



76.5736, 78.5746, 68.8882



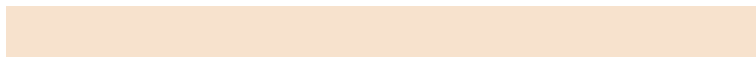
68.5155, 78.5746, 89.9176



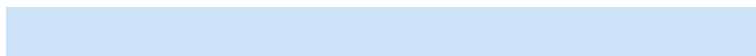
79.2428, 78.5746, 99.8791

Complementary

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



76.5736, 78.5746, 68.8882



69.1615, 74.0858, 98.6512

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.



76.1912, 78.5746, 105.0438



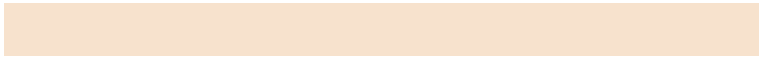
76.5736, 78.5746, 68.8882



70.0366, 78.5746, 99.0059

Square

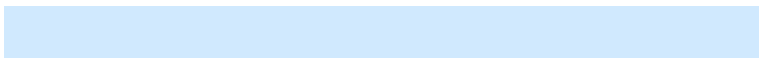
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5736, 78.5746, 68.8882



68.6109, 78.5746, 80.2959



72.8234, 78.5746, 104.7126



81.1028, 78.5746, 91.0376

Rectangle

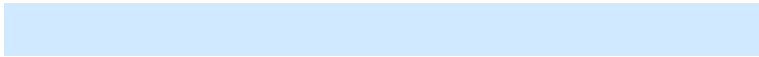
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.5736, 78.5746, 68.8882



71.1615, 78.5746, 70.8755



72.8234, 78.5746, 104.7126



78.3184, 78.5746, 102.1317

Sweetspot

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



76.5757, 78.5781, 68.8899



91.0649, 95.2065, 97.7785



73.9175, 68.9289, 81.3612



19.3752, 20.2371, 20.6066



0.0000, 0.0000, 0.0000



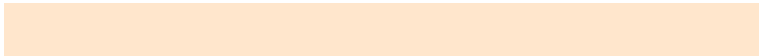
20.3446, 21.4041, 23.3091

Same Dimension

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



76.5757, 78.5781, 68.8899



80.2985, 81.9384, 68.7103



82.6388, 90.7043, 70.9109



17.1839, 17.8519, 17.3376



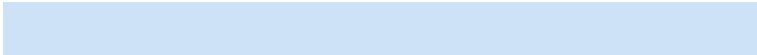
24.2089, 18.3033, 2.2569



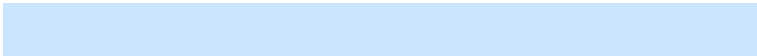
2.2305, 1.8142, 0.2326

Inverse Universe

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



69.1615, 74.0858, 98.6512



71.1082, 76.3700, 105.6008



63.7977, 63.3584, 96.8633



16.2656, 17.2955, 21.0236



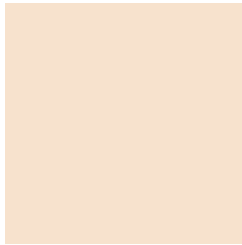
12.7981, 11.3899, 48.0620



1.2276, 1.2066, 4.2584

Previews

White Background



This preview shows how the XYZ color 76.5736, 78.5746, 68.8882 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 76.5736, 78.5746, 68.8882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

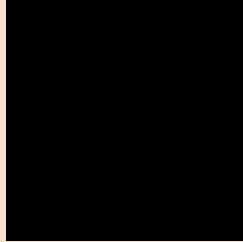
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5736, 78.5746, 68.8882

Background



This preview shows how black text looks on a background with the XYZ color 76.5736, 78.5746, 68.8882.



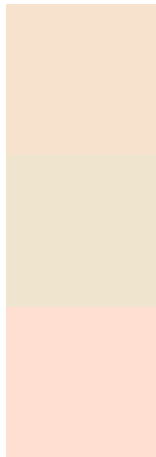
This preview shows how white text looks on a background with the XYZ color 76.5736, 78.5746,

68.8882.

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

76.5736, 78.5746, 68.8882

Protanopia

74.7565, 78.8456, 69.6711

Deuteranopia

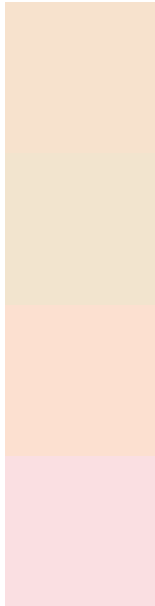
79.2605, 78.6885, 71.9837



Tritanopia

81.0727, 78.3952, 91.7477

Trichromacy



Original Color

76.5736, 78.5746, 68.8882

Protanomaly

75.5019, 78.8203, 69.6270

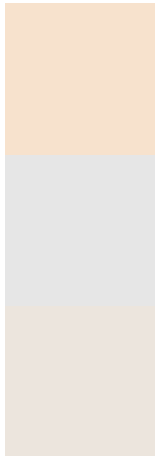
Deuteranomaly

78.1857, 78.5608, 70.7174

Tritanomaly

79.5395, 78.5903, 82.9288

Monochromacy



Original Color

76.5736, 78.5746, 68.8882

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.6625, 79.0919, 79.6850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5736, 78.5746, 68.8882 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(247, 226, 205) looks like.

```
.text, #text, p{  
    color:rgb(247, 226, 205)  
}
```

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(247, 226, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 226, 205) }
```

Border

The CSS property to change the border of an element to XYZ 76.5736, 78.5746, 68.8882 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(247, 226, 205) }
```


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

```
.border{ border-color:rgb(247, 226, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 226, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 226, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 226, 205);  
box-shadow:4px 4px 4px 4px rgb(247, 226,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5736, 78.5746, 68.8882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 226, 205) }
```

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

```
.background{ background-color: rgb(247,  
226, 205) }
```

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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