

Converting Colors

XYZ(75.6100, 76.6917, 71.7356)

Have a look what the booklet for
XYZ(75.6100, 76.6917, 71.7356)
contains.

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Color

**XYZ(75.6767, 76.8410,
71.8160)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DFD2
RGB	245, 223, 210
RGB Percent	96%, 87%, 82%
CMY	0.0392, 0.1255, 0.1765
CMYK	0.00, 0.09, 0.14, 0.04
HSL	22°, 64%, 89%
HSV	22°, 14%, 96%
XYZ	75.6767, 76.8410, 71.8160
YIQ	228.0960, 17.2850, 0.6210

Conversions

Conversions Part 2

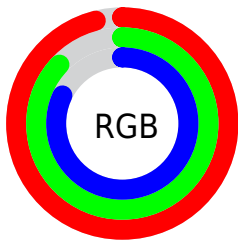
Format	Color
R _Y B	245, 231, 210
Decimal	16113618
CIE Lab	90.25, 5.46, 9.09
CIE LCh	90, 10.604, 59.034
Yxy	76.8410, 0.3373, 0.3425
Android (android.graphics.Color)	4294303698 (0xFFF5DFD2)
YUV	228.0960, -8.9213, 14.8248
Hunter-Lab	87.6590, 0.6972, 12.7870

Details

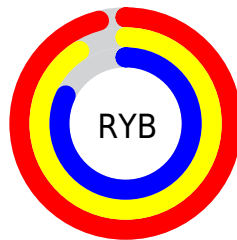
The XYZ color **75.6767, 76.8410, 71.8160** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.9160, 78.0057, 97.6530**, and the grayscale version is **73.8692, 77.7161, 84.6329**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9896, 41.2244, 37.2492** is the 20% darker color. If you saturate the color by 10%, you get **68.9272, 67.8581, 55.6421**, and if you desaturate by 10%, it is **83.2719, 86.7659, 90.5790**.

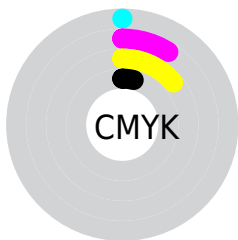
Distribution



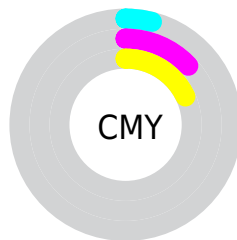
- Red (96%)
- Green (87%)
- Blue (82%)



- Red (96%)
- Yellow (91%)
- Blue (82%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6767, 76.8410, 71.8160 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 75.6767, 76.8410, 71.8160 by changing the saturation by 10% instead.


 75.6767, 76.8410,
71.8160

 75.6767, 76.8410,
71.8160


469.2017,
484.2217, 485.8612

 56.4636, 57.1224,
52.5225


126.2526,
128.9150, 123.5002

 40.8132, 41.1035,
37.0366


158.3461,
162.0392, 156.7279

 28.3602, 28.4000,
24.9398


195.4637,
200.4007, 195.4374

 18.7392, 18.6274,
15.8136

237.9708,
244.3839, 240.0473

 11.5848, 11.4013,
9.2394

286.2329,
294.3732, 290.9761

 6.5318, 6.3375,
4.7987

340.6151,

 3.2148, 3.0513,

350.7530, 348.6423

2.0730

401.4829,
413.9078, 413.4645

■ 1.2683, 1.1586,
0.5996

■ 0.1593, 0.0275,
0.0000

■ 75.6767, 76.8410,
71.8160

■ 75.6767, 76.8410,
71.8160

■ 68.9272, 67.8581,
55.6421

■ 83.2719, 86.7659,
90.5790

■ 62.9859, 59.7786,
41.9376

■ 91.0847, 97.3891,
108.6050

■ 57.8219, 52.5760,
30.5805

■ 91.4664, 98.1526,
108.7323

■ 53.3994, 46.2189,
21.4363

■ 49.6796, 40.6736,
14.3570

■ 46.6198, 35.9037,
9.1758

■ 44.1713, 31.8695,
5.6998

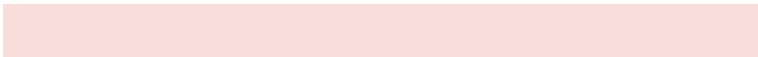
■ 42.2768, 28.5265,
3.6934

■ 41.4004, 26.9005,
3.0103

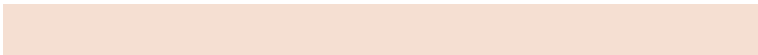
Harmonies

Analogous

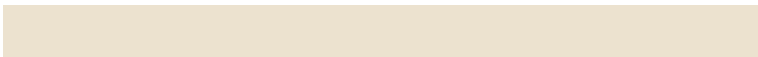
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.5613, 76.8410, 76.8113



75.6767, 76.8410, 71.8160



73.1206, 76.8410, 69.9636

Triad

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



75.6767, 76.8410, 71.8160



68.0789, 76.8410, 83.4221



75.5251, 76.8410, 97.0245

Complementary

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



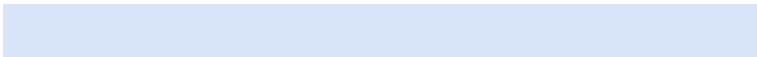
75.6767, 76.8410, 71.8160



71.9160, 78.0057, 97.6530

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.



72.9496, 76.8410, 99.0517



75.6767, 76.8410, 71.8160



68.6884, 76.8410, 90.9185

Square

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



75.6767, 76.8410, 71.8160



68.7706, 76.8410, 76.4112



70.4556, 76.8410, 96.7544



77.4723, 76.8410, 91.3677

Rectangle

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



75.6767, 76.8410, 71.8160



71.3929, 76.8410, 70.6693



70.4556, 76.8410, 96.7544



74.7022, 76.8410, 98.1676

Sweetspot

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



75.6788, 76.8444, 71.8176



91.4400, 95.3385, 99.8090



75.2928, 71.3424, 86.2710



19.4303, 20.2228, 21.0087



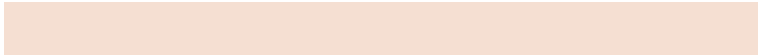
0.0000, 0.0000, 0.0000



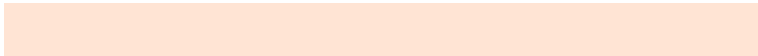
20.3446, 21.4041, 23.3091

Same Dimension

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



75.6788, 76.8444, 71.8176



80.7562, 81.3492, 73.5018



80.5481, 86.5830, 73.4407



17.0035, 17.4911, 17.2775



22.4245, 14.7347, 1.6622



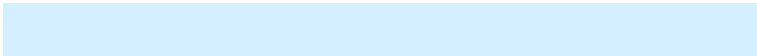
2.0659, 1.4851, 0.1778

Inverse Universe

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



71.9160, 78.0057, 97.6530



75.9357, 82.8353, 106.5943



67.2764, 68.7266, 96.1065



16.4491, 17.6624, 21.0848



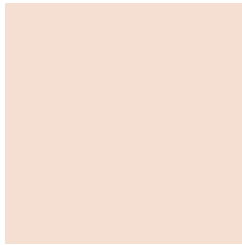
15.2383, 16.2703, 48.8754



1.4375, 1.6265, 4.3284

Previews

White Background



This preview shows how the XYZ color 75.6767, 76.8410, 71.8160 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 75.6767, 76.8410, 71.8160 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 75.6767, 76.8410, 71.8160

Background



This preview shows how black text looks on a background with the XYZ color 75.6767, 76.8410, 71.8160.



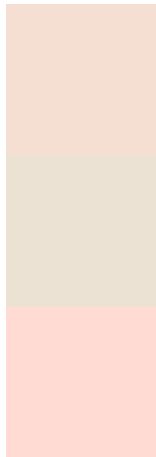
This preview shows how white text looks on a background with the XYZ color 75.6767, 76.8410,

71.8160.

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

75.6767, 76.8410, 71.8160

Protanopia

73.3410, 76.8083, 73.2474

Deuteranopia

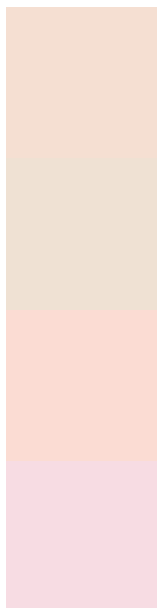
78.3294, 76.6262, 72.2899



Tritanopia

79.1832, 76.6756, 89.9833

Trichromacy



Original Color

75.6767, 76.8410, 71.8160

Protanomaly

74.2797, 76.9043, 72.5571

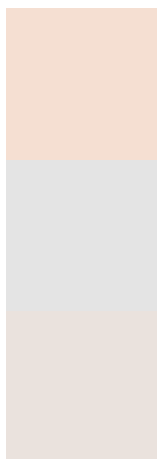
Deuteranomaly

77.1347, 76.3988, 72.3090

Tritanomaly

77.8161, 76.5066, 83.3389

Monochromacy



Original Color

75.6767, 76.8410, 71.8160

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.1792, 77.1056, 79.3798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6767, 76.8410, 71.8160 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, 210) looks like.

```
.text, #text, p{  
    color:rgb(245, 223, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 223, 210) }
```

Border

The CSS property to change the border of an element to XYZ 75.6767, 76.8410, 71.8160 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, 210) }
```


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

```
.border{ border-color:rgb(245, 223, 210) }
```

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, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 223, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 223, 210);  
box-shadow:4px 4px 4px 4px rgb(245, 223,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6767, 76.8410, 71.8160 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, 210) }
```

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

```
.background{ background-color: rgb(245,  
223, 210) }
```

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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