

Converting Colors

XYZ(75.0632, 77.1557, 68.5775)

Have a look what the booklet for
XYZ(75.0632, 77.1557, 68.5775)
contains.

XYZ(74.9833, 76.9522, 68.6588)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.9833, 76.9522,
68.6588)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E0CD
RGB	244, 224, 205
RGB Percent	96%, 88%, 80%
CMY	0.0431, 0.1215, 0.1961
CMYK	0.00, 0.08, 0.16, 0.04
HSL	29°, 64%, 88%
HSV	29°, 16%, 96%
XYZ	74.9833, 76.9522, 68.6588
YIQ	227.8140, 18.0190, -1.6690

Conversions

Conversions Part 2

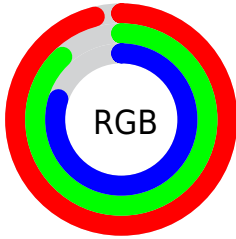
Format	Color
RYB	244, 242, 205
Decimal	16048333
CIELab	90.30, 3.82, 11.77
CIElCh	90, 12.374, 72.039
Yxy	76.9522, 0.3399, 0.3488
Android (android.graphics.Color)	4294238413 (0xFFFF4E0CD)
YUV	227.8140, -11.2473, 14.1951
Hunter-Lab	87.7224, -0.9361, 15.0004

Details

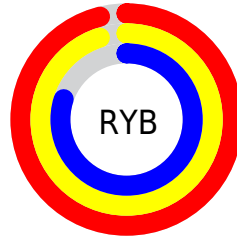
The XYZ color **74.9833, 76.9522, 68.6588** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4307, 73.3595, 96.1416**, and the grayscale version is **73.6790, 77.5160, 84.4150**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5129, 41.3017, 35.1149** is the 20% darker color. If you saturate the color by 10%, you get **69.0259, 69.3886, 53.2573**, and if you desaturate by 10%, it is **81.6517, 85.2012, 86.5652**.

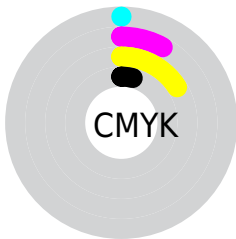
Distribution



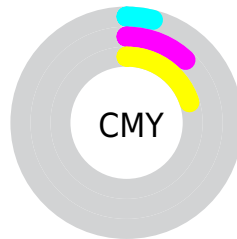
- Red (96%)
- Green (88%)
- Blue (80%)



- Red (96%)
- Yellow (95%)
- Blue (80%)



- Cyan (0%)
- Magenta (8%)
- Yellow (16%)
- Black (4%)




- Cyan (4%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9833, 76.9522, 68.6588 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 74.9833, 76.9522, 68.6588 by changing the saturation by 10% instead.


 74.9833, 76.9522,
68.6588

 74.9833, 76.9522,
68.6588

466.8582,
484.6010, 474.4880

 55.8933, 57.2136,
49.9639


125.2768,
129.0720, 118.9572

 40.3541, 41.1768,
35.0137


157.2110,
162.2220, 151.3978

 28.0002, 28.4573,
23.3898


194.1573,
200.6114, 189.2573

 18.4662, 18.6706,
14.6736

236.4811,
244.6244, 232.9543

 11.3869, 11.4325,
8.4466

284.5477,
294.6454, 282.9073

 6.3969, 6.3585,
4.2902

338.7226,

 3.1308, 3.0643,

351.0590, 339.5349

1.7858

399.3709,
414.2494, 403.2556

■ 1.2233, 1.1654,
0.4186

■ 0.1247, 0.0332,
0.0000

■ 74.9833, 76.9522,
68.6588

■ 74.9833, 76.9522,
68.6588

■ 69.0259, 69.3886,
53.2573

■ 81.6517, 85.2012,
86.5652

■ 63.7466, 62.4809,
40.2423

■ 89.0497, 94.1435,
107.0777

■ 59.1192, 56.2127,
29.4928

■ 91.1185, 97.9732,
108.7160

■ 55.1131, 50.5625,
20.8757

■ 51.6947, 45.5075,
14.2431

■ 48.8267, 41.0230,
9.4284

■ 46.4660, 37.0816,
6.2371

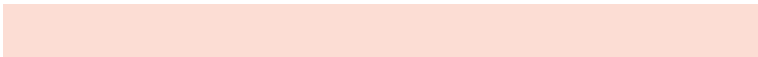
■ 44.5607, 33.6518,
4.4283

■ 43.8937, 32.4037,
3.9411

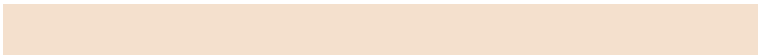
Harmonies

Analogous

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



77.6305, 76.9522, 72.9297



74.9833, 76.9522, 68.6588



71.9117, 76.9522, 68.2622

Triad

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



74.9833, 76.9522, 68.6588



67.4971, 76.9522, 87.3777



77.1810, 76.9522, 97.0343

Complementary

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



74.9833, 76.9522, 68.6588



68.4307, 73.3595, 96.1416

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.



74.3837, 76.9522, 101.5054



74.9833, 76.9522, 68.6588



68.8275, 76.9522, 95.6736

Square

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



74.9833, 76.9522, 68.6588



67.6474, 76.9522, 78.6629



71.3286, 76.9522, 100.9906



78.9237, 76.9522, 89.1308

Rectangle

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



74.9833, 76.9522, 68.6588



70.0420, 76.9522, 70.2096



71.3286, 76.9522, 100.9906



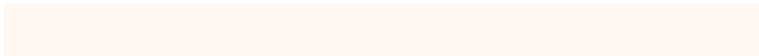
76.3296, 76.9522, 99.0127

Sweetspot

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



74.9854, 76.9556, 68.6604



91.0146, 95.1058, 97.7617



72.7514, 68.3412, 80.6991



19.3630, 20.2127, 20.6025



0.0000, 0.0000, 0.0000



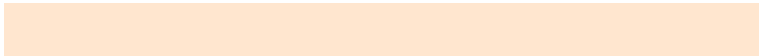
20.3446, 21.4041, 23.3091

Same Dimension

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



74.9854, 76.9556, 68.6604



80.7889, 82.4257, 70.3952



80.4838, 87.9524, 70.4932



17.1658, 17.8156, 17.3316



24.0026, 17.8909, 2.1882



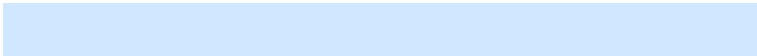
2.2121, 1.7774, 0.2265

Inverse Universe

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



68.4307, 73.3595, 96.1416



72.3418, 77.7911, 105.8101



63.4941, 63.4861, 94.4960



16.2837, 17.3317, 21.0297



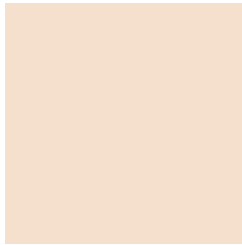
13.0107, 11.8152, 48.1328



1.2464, 1.2442, 4.2647

Previews

White Background



This preview shows how the XYZ color 74.9833, 76.9522, 68.6588 looks on a white background.

Color Contrast Check

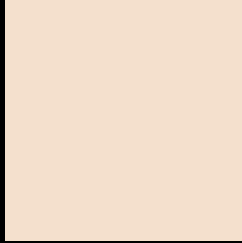
Large Text (above 18pt) WCAG AA × Fail

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 74.9833, 76.9522, 68.6588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

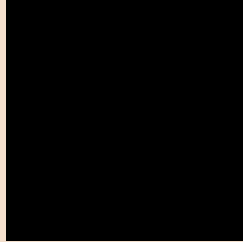
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9833, 76.9522, 68.6588

Background



This preview shows how black text looks on a background with the XYZ color 74.9833, 76.9522, 68.6588.



This preview shows how white text looks on a background with the XYZ color 74.9833, 76.9522,

68.6588.

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

74.9833, 76.9522, 68.6588

Protanopia

73.2017, 77.2273, 69.4407

Deuteranopia

78.2184, 77.0005, 70.4145



Tritanopia

79.3290, 76.7339, 90.7508

Trichromacy



Original Color

74.9833, 76.9522, 68.6588

Protanomaly

73.9335, 77.1997, 69.3968

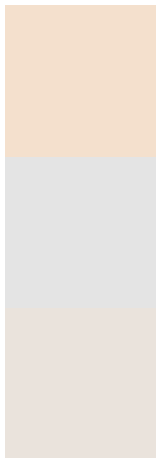
Deuteranomaly

76.9026, 76.7271, 69.7881

Tritanomaly

77.8048, 76.9233, 81.9811

Monochromacy



Original Color

74.9833, 76.9522, 68.6588

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.3190, 77.5979, 78.7710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9833, 76.9522, 68.6588 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(244, 224, 205)` looks like.

```
.text, #text, p{  
    color:rgb(244, 224, 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(244, 224, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 224, 205) }
```

Border

The CSS property to change the border of an element to XYZ 74.9833, 76.9522, 68.6588 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(244, 224, 205) }
```


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

```
.border{ border-color:rgb(244, 224, 205) }
```

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

Here you see how a box with a 4 pixel rgb(244, 224, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 224, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 224, 205);  
box-shadow:4px 4px 4px 4px rgb(244, 224,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9833, 76.9522, 68.6588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 224, 205) }
```

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

```
.background{ background-color: rgb(244,  
224, 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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