

Converting Colors

XYZ(75.6406, 74.1156, 68.7296)

Have a look what the booklet for
XYZ(75.6406, 74.1156, 68.7296)
contains.

XYZ(75.8413, 74.2634, 68.7295)	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(75.8413, 74.2634,
68.7295)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD8CE
RGB	252, 216, 206
RGB Percent	99%, 85%, 81%
CMY	0.0118, 0.1529, 0.1922
CMYK	0.00, 0.14, 0.18, 0.01
HSL	13°, 88%, 90%
HSV	13°, 18%, 99%
XYZ	75.8413, 74.2634, 68.7295
YIQ	225.6240, 24.6660, 4.5220

Conversions

Conversions Part 2

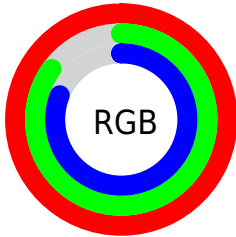
Format	Color
R _Y B	252, 219, 206
Decimal	16570574
CIE Lab	89.05, 10.97, 9.55
CIE LCh	89, 14.547, 41.044
Yxy	74.2634, 0.3466, 0.3394
Android (android.graphics.Color)	4294760654 (0xFFFC D8CE)
YUV	225.6240, -9.6746, 23.1318
Hunter-Lab	86.1762, 6.2845, 13.0368

Details

The XYZ color **75.8413, 74.2634, 68.7295** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.7758, 83.6523, 104.3014**, and the grayscale version is **72.0741, 75.8275, 82.5762**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9180, 39.3588, 35.1462** is the 20% darker color. If you saturate the color by 10%, you get **68.2700, 63.6331, 52.2935**, and if you desaturate by 10%, it is **84.5138, 86.3093, 87.9557**.

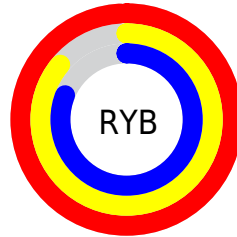
Distribution



Red (99%)

Green (85%)

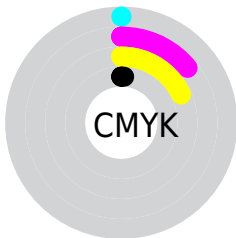
Blue (81%)



Red (99%)

Yellow (86%)

Blue (81%)

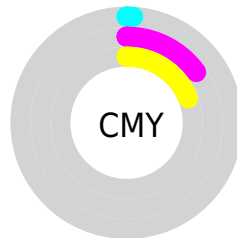


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (1%)



Cyan (1%)

Magenta (15%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8413, 74.2634, 68.7295 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 75.8413, 74.2634, 68.7295 by changing the saturation by 10% instead.


 75.8413, 74.2634,
68.7295

 75.8413, 74.2634,
68.7295


469.7570,
475.3820, 474.7444

 56.5990, 55.0096,
50.0211


126.4841,
125.2691, 119.0592

 40.9222, 39.4094,
35.0588


158.6153,
157.7899, 151.5175

 28.4457, 27.0784,
23.4243


195.7735,
195.5018, 189.3963

 18.8041, 17.6321,
14.6989

238.3241,
238.7892, 233.1139

 11.6320, 10.6862,
8.4641

286.6323,
288.0365, 283.0890

 6.5640, 5.8562,
4.3013

341.0637,

 3.2349, 2.7579,

343.6282, 339.7401

1.7920

401.9835,
405.9485, 403.4857

■ 1.2791, 1.0067,
0.4227

■ 0.1675, 0.0000,
0.0000

■ 75.8413, 74.2634,
68.7295

■ 75.8413, 74.2634,
68.7295

■ 68.2700, 63.6331,
52.2935

■ 84.5138, 86.3093,
87.9557

■ 61.7491, 54.3562,
38.5131

■ 93.9551, 99.4356,
108.8488

■ 56.2328, 46.3808,
27.2492

■ 51.6694, 39.6478,
18.3484

■ 48.0023, 34.0932,
11.6403

■ 45.1688, 29.6472,
6.9313

■ 43.0968, 26.2321,
3.9936

■ 41.6951, 23.7569,
2.5143

■ 41.5022, 23.4098,
2.3311

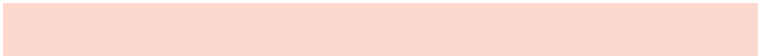
Harmonies

Analogous

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



77.4749, 74.2634, 77.1850



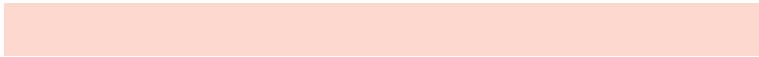
75.8413, 74.2634, 68.7295



72.8181, 74.2634, 63.7978

Triad

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



75.8413, 74.2634, 68.7295



64.3446, 74.2634, 74.6950



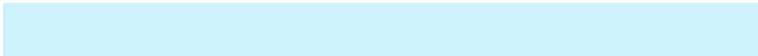
71.8964, 74.2634, 101.5297

Complementary

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



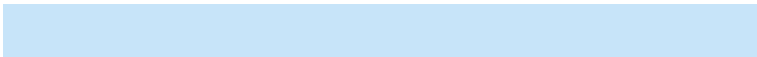
75.8413, 74.2634, 68.7295



74.7758, 83.6523, 104.3014

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.



68.3983, 74.2634, 100.7221



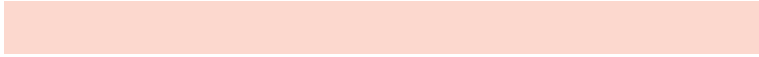
75.8413, 74.2634, 68.7295



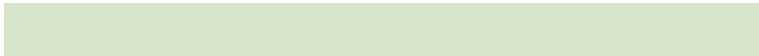
64.1164, 74.2634, 84.6503

Square

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



75.8413, 74.2634, 68.7295



66.2116, 74.2634, 67.0380



65.5776, 74.2634, 94.3404



75.1472, 74.2634, 96.4626

Rectangle

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



75.8413, 74.2634, 68.7295



70.4612, 74.2634, 62.9026



65.5776, 74.2634, 94.3404



70.7092, 74.2634, 101.9465

Sweetspot

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



75.8433, 74.2667, 68.7311



89.9640, 93.0046, 97.4115



78.2489, 71.2518, 93.6601



19.1081, 19.7029, 20.5175



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

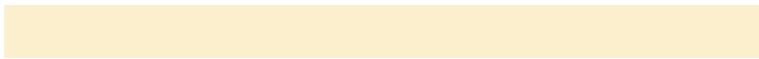
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.8433, 74.2667, 68.7311



74.8567, 72.0178, 63.9274



82.1429, 86.8659, 70.8309



17.5506, 17.8371, 17.9803



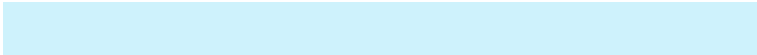
21.7063, 12.3692, 1.2435



2.0847, 1.2943, 0.1399

Inverse Universe

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



74.7758, 83.6523, 104.3014



73.5670, 83.3291, 106.8145



68.3654, 70.8315, 102.1646



17.4267, 18.9303, 22.1207



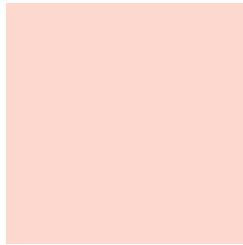
19.6892, 24.7340, 51.7100



1.9001, 2.4439, 4.8148

Previews

White Background



This preview shows how the XYZ color 75.8413, 74.2634, 68.7295 looks on a white background.

Color Contrast Check

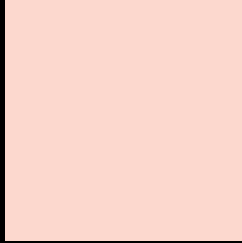
Large Text (above 18pt) WCAG AA × Fail

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 75.8413, 74.2634, 68.7295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

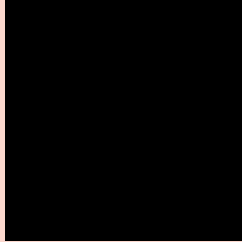
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8413, 74.2634, 68.7295

Background



This preview shows how black text looks on a background with the XYZ color 75.8413, 74.2634, 68.7295.

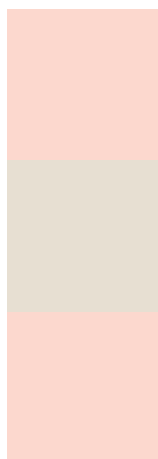


This preview shows how white text looks on a background with the XYZ color 75.8413, 74.2634,

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

75.8413, 74.2634, 68.7295

Protanopia

70.9755, 74.4174, 71.5960

Deuteranopia

75.8413, 74.2634, 68.7295



Tritanopia

79.1771, 74.5056, 84.3367

Trichromacy



Original Color

75.8413, 74.2634, 68.7295

Protanomaly

72.6984, 74.1406, 70.8005

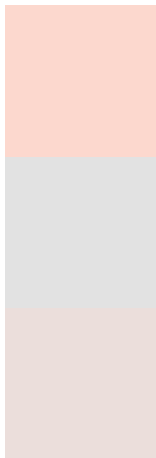
Deuteranomaly

75.8413, 74.2634, 68.7295

Tritanomaly

77.9708, 74.3844, 78.6547

Monochromacy



Original Color

75.8413, 74.2634, 68.7295

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.1684, 75.0192, 77.6416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8413, 74.2634, 68.7295 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(252, 216, 206)` looks like.

```
.text, #text, p{  
    color:rgb(252, 216, 206)  
}
```

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(252, 216, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 216, 206) }
```

Border

The CSS property to change the border of an element to XYZ 75.8413, 74.2634, 68.7295 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(252, 216, 206) }
```


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

```
.border{ border-color:rgb(252, 216, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 216, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 216, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 216, 206);  
box-shadow:4px 4px 4px 4px rgb(252, 216,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8413, 74.2634, 68.7295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 216, 206) }
```

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

```
.background{ background-color: rgb(252,  
216, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor