

Converting Colors

XYZ(78.6450, 73.1885, 75.1985)

Have a look what the booklet for
XYZ(78.6450, 73.1885, 75.1985)
contains.

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Color

**XYZ(76.6813, 72.3111,
74.8816)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2D8
RGB	255, 210, 216
RGB Percent	100%, 82%, 85%
CMY	0.0000, 0.1764, 0.1529
CMYK	0.00, 0.18, 0.15, 0.00
HSL	352°, 100%, 91%
HSV	352°, 18%, 100%
XYZ	76.6813, 72.3111, 74.8816
YIQ	224.1390, 24.8940, 11.4060

Conversions

Conversions Part 2

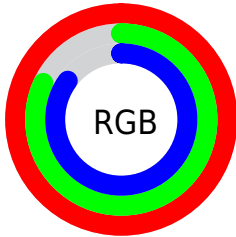
Format	Color
R _Y B	255, 210, 216
Decimal	16765656
CIE _{Lab}	88.12, 16.68, 2.98
CIE _{LCh}	88, 16.944, 10.120
Yxy	72.3111, 0.3425, 0.3230
Android (android.graphics.Color)	4294955736 (0xFFFFD2D8)
YUV	224.1390, -4.0125, 27.0651
Hunter-Lab	85.0359, 12.1498, 7.3151

Details

The XYZ color **76.6813, 72.3111, 74.8816** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.4397, 92.0624, 103.2093**, and the grayscale version is **70.9677, 74.6636, 81.3087**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4431, 38.0217, 38.8728** is the 20% darker color. If you saturate the color by 10%, you get **68.2121, 59.6422, 58.8965**, and if you desaturate by 10%, it is **86.5413, 87.1461, 93.2284**.

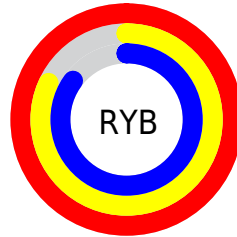
Distribution



Red (100%)

Green (82%)

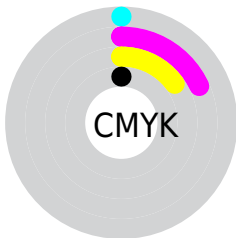
Blue (85%)



Red (100%)

Yellow (82%)

Blue (85%)

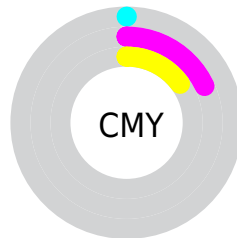


Cyan (0%)

Magenta (18%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.6813, 72.3111, 74.8816 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 76.6813, 72.3111, 74.8816 by changing the saturation by 10% instead.

 76.6813, 72.3111,
74.8816

 76.6813, 72.3111,
74.8816


472.5853,
468.6237, 496.7551

 57.2904, 53.4128,
55.0148


127.6647,
122.4987, 127.8903

 41.4794, 38.1324,
39.0149


159.9879,
154.5569, 161.8692

 28.8832, 26.0855,
26.4634


197.3526,
191.7705, 201.3893

 19.1363, 16.8876,
16.9417

240.1241,
234.5239, 246.8690

 11.8734, 10.1544,
10.0314

288.6678,
283.2015, 298.7269

 6.7291, 5.5014,
5.3139

343.3489,

 3.3381, 2.5444,

338.1878, 357.3815

2.3707

404.5330,
399.8670, 423.2514

■ 1.3350, 0.8988,
0.7704

■ 0.2092, 0.0000,
0.0000

■ 76.6813, 72.3111,
74.8816

■ 76.6813, 72.3111,
74.8816

■ 68.2121, 59.6422,
58.8965

■ 86.5413, 87.1461,
93.2284

■ 61.0661, 49.0292,
45.1726

95.0500, 100.0000,
108.9000

■ 55.1775, 40.3662,
33.6087

■ 50.4727, 33.5342,
24.0943

■ 46.8707, 28.4012,
16.5087

■ 44.2798, 24.8174,
10.7188

■ 42.5933, 22.6066,
6.5739

■ 41.6744, 21.5381,
3.8962

■ 41.5284, 21.3754,
3.4487

Harmonies

Analogous

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



76.3132, 72.3111, 86.5615



76.6813, 72.3111, 74.8816



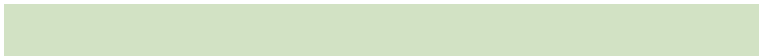
74.8558, 72.3111, 65.2242

Triad

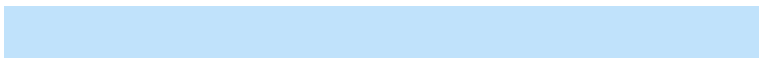
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.6813, 72.3111, 74.8816



63.8343, 72.3111, 62.8871



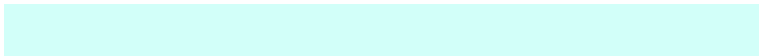
66.1163, 72.3111, 101.6163

Complementary

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



76.6813, 72.3111, 74.8816



79.4397, 92.0624, 103.2093

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.



62.9470, 72.3111, 93.9924



76.6813, 72.3111, 74.8816



61.6657, 72.3111, 71.3941

Square

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



76.6813, 72.3111, 74.8816



67.3707, 72.3111, 58.7632



61.3474, 72.3111, 82.7173



70.1065, 72.3111, 102.7844

Rectangle

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



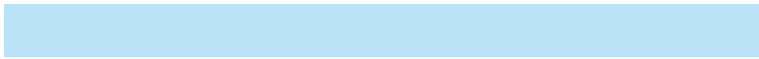
76.6813, 72.3111, 74.8816



72.6810, 72.3111, 60.9425



61.3474, 72.3111, 82.7173



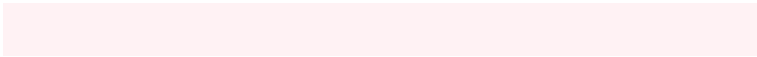
64.9239, 72.3111, 99.6905

Sweetspot

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



76.6830, 72.3142, 74.8831



89.3880, 91.4417, 98.4860



80.1653, 73.4561, 104.5610



18.9687, 19.3247, 20.7775



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

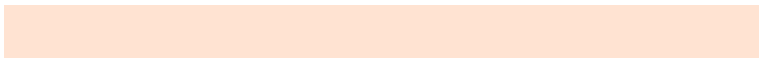
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.6830, 72.3142, 74.8831



73.6890, 67.8263, 69.2607



80.2072, 80.5806, 72.3030



18.1079, 18.0265, 19.1853



21.7295, 11.1811, 1.9602



2.1447, 1.1002, 0.3433

Inverse Universe

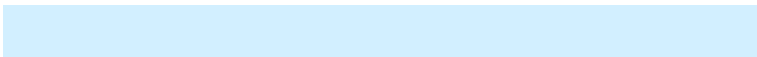
The Inverse Universe completely reimagines the original color for something new.



76.6830, 72.3142, 74.8831



73.6890, 67.8263, 69.2607



75.3511, 82.3645, 106.5343



18.1079, 18.0265, 19.1853



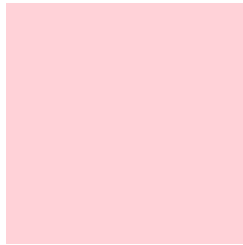
21.7295, 11.1811, 1.9602



2.1447, 1.1002, 0.3433

Previews

White Background



This preview shows how the XYZ color 76.6813, 72.3111, 74.8816 looks on a white background.

Color Contrast Check

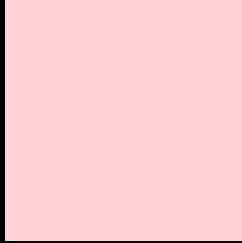
Large Text (above 18pt) WCAG AA × Fail

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 76.6813, 72.3111, 74.8816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

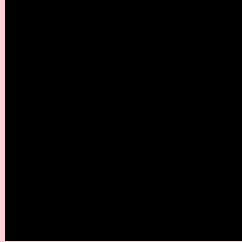
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.6813, 72.3111, 74.8816

Background



This preview shows how black text looks on a background with the XYZ color 76.6813, 72.3111, 74.8816.



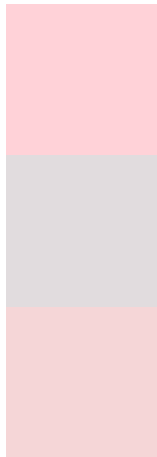
This preview shows how white text looks on a background with the XYZ color 76.6813, 72.3111,

74.8816.

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

76.6813, 72.3111, 74.8816

Protanopia

69.8294, 72.4679, 79.4145

Deuteranopia

73.9685, 72.4119, 74.3683



Tritanopia

77.6311, 72.2972, 81.0973

Trichromacy



Original Color

76.6813, 72.3111, 74.8816

Protanomaly

72.0662, 72.1119, 77.8308

Deuteranomaly

75.1269, 72.6345, 74.3502

Tritanomaly

77.2253, 72.1349, 78.9604

Monochromacy



Original Color

76.6813, 72.3111, 74.8816

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.6436, 73.5457, 78.7736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6813, 72.3111, 74.8816 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(255, 210, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 216)  
}
```

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(255, 210, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 216) }
```

Border

The CSS property to change the border of an element to XYZ 76.6813, 72.3111, 74.8816 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(255, 210, 216) }
```


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

```
.border{ border-color:rgb(255, 210, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6813, 72.3111, 74.8816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 216) }
```

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

```
.background{ background-color: rgb(255,  
210, 216) }
```

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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