

Converting Colors

XYZ(95.1663, 78.3314, 76.8710)

Have a look what the booklet for
XYZ(95.1663, 78.3314, 76.8710)
contains.

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Color

**XYZ(74.6805, 67.6830,
76.1459)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8DB
RGB	255, 200, 219
RGB Percent	100%, 78%, 86%
CMY	0.0000, 0.2157, 0.1412
CMYK	0.00, 0.22, 0.14, 0.00
HSL	339°, 100%, 89%
HSV	339°, 22%, 100%
XYZ	74.6805, 67.6830, 76.1459
YIQ	218.6110, 26.6810, 17.5690

Conversions

Conversions Part 2

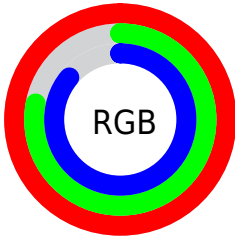
Format	Color
R _Y B	255, 200, 219
Decimal	16763099
CIE Lab	85.85, 22.38, -1.93
CIE LCh	86, 22.465, 355.084
Yxy	67.6830, 0.3418, 0.3097
Android (android.graphics.Color)	4294953179 (0xFFFFC8DB)
YUV	218.6110, 0.1918, 31.9132
Hunter-Lab	82.2697, 18.0619, 2.7121

Details

The XYZ color **74.6805, 67.6830, 76.1459** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.7220, 89.8566, 92.7661**, and the grayscale version is **67.0497, 70.5415, 76.8197**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2684, 35.2439, 39.8023** is the 20% darker color. If you saturate the color by 10%, you get **67.1713, 56.0069, 63.3394**, and if you desaturate by 10%, it is **83.3980, 81.4227, 90.4442**.

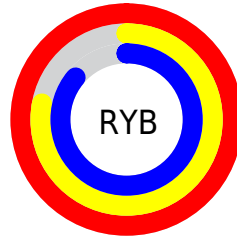
Distribution



Red (100%)

Green (78%)

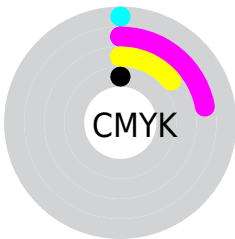
Blue (86%)



Red (100%)

Yellow (78%)

Blue (86%)

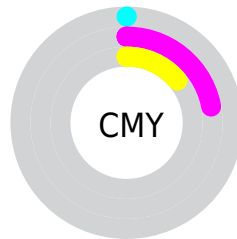


Cyan (0%)

Magenta (22%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6805, 67.6830, 76.1459 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 74.6805, 67.6830, 76.1459 by changing the saturation by 10% instead.


 74.6805, 67.6830,
76.1459

 74.6805, 67.6830,
76.1459


465.8328,
452.3721, 501.2071

 55.6444, 49.6399,
56.0448


124.8503,
115.8985, 129.6951

 40.1538, 35.1273,
39.8346

156.7148,
146.8397, 163.9803

 27.8432, 23.7610,
27.0968


193.5861,
182.8491, 203.8305

 18.3474, 15.1564,
17.4129

235.8296,
224.3110, 249.6644

 11.3009, 8.9292,
10.3642

283.8107,
271.6099, 301.9005

 6.3384, 4.6951,
5.5324

337.8947,

 3.0945, 2.0695,

325.1301, 360.9572

2.4987

398.4469,
385.2560, 427.2533

■ 1.2039, 0.6474,
0.8395

■ 0.1095, 0.0000,
0.0000

■ 74.6805, 67.6830,
76.1459

■ 74.6805, 67.6830,
76.1459

■ 67.1713, 56.0069,
63.3394

■ 83.3980, 81.4227,
90.4442

■ 60.8107, 46.2857,
51.9703

■ 93.3709, 97.3108,
106.2778

■ 55.5403, 38.4135,
41.9866

95.0500, 100.0000,
108.9000

■ 51.2949, 32.2711,
33.3314

■ 48.0016, 27.7250,
25.9434

■ 45.5775, 24.6218,
19.7555

■ 43.9236, 22.7775,
14.6927

■ 43.0047, 21.9659,
11.2230

Harmonies

Analogous

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



72.7734, 67.6830, 91.0989



74.6805, 67.6830, 76.1459



73.6962, 67.6830, 62.3431

Triad

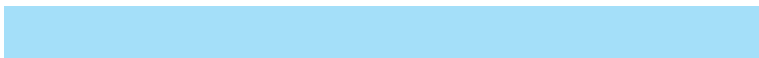
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6805, 67.6830, 76.1459



60.2340, 67.6830, 50.9322



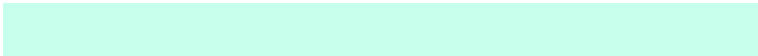
58.8418, 67.6830, 99.4060

Complementary

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



74.6805, 67.6830, 76.1459



74.7220, 89.8566, 92.7661

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.



55.7942, 67.6830, 86.3482



74.6805, 67.6830, 76.1459



56.5675, 67.6830, 58.6626

Square

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



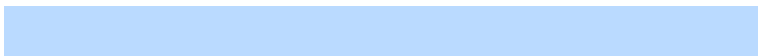
74.6805, 67.6830, 76.1459



65.1808, 67.6830, 48.9545



54.9842, 67.6830, 71.2978



63.4880, 67.6830, 105.6198

Rectangle

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



74.6805, 67.6830, 76.1459



71.5588, 67.6830, 55.4259



54.9842, 67.6830, 71.2978



57.6064, 67.6830, 95.5936

Sweetspot

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



74.6820, 67.6858, 76.1473



88.7909, 89.9953, 99.0651



73.2155, 66.3218, 103.5502



18.8651, 19.0399, 20.9821



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.



74.6820, 67.6858, 76.1473



71.2065, 62.2596, 70.2879



74.2841, 70.6666, 64.3720



18.2684, 18.0907, 20.0303



22.5339, 11.5029, 6.1961



2.2431, 1.1396, 0.8618

Inverse Universe

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



74.6820, 67.6858, 76.1473



71.2065, 62.2596, 70.2879



75.0556, 85.8694, 107.2263



18.2684, 18.0907, 20.0303



22.5339, 11.5029, 6.1961



2.2431, 1.1396, 0.8618

Previews

White Background



This preview shows how the XYZ color 74.6805, 67.6830, 76.1459 looks on a white background.

Color Contrast Check

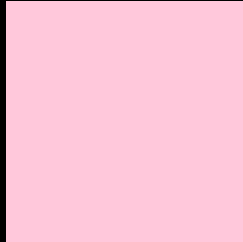
Large Text (above 18pt) WCAG AA × Fail

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 74.6805, 67.6830, 76.1459 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 74.6805, 67.6830, 76.1459

Background



This preview shows how black text looks on a background with the XYZ color 74.6805, 67.6830, 76.1459.

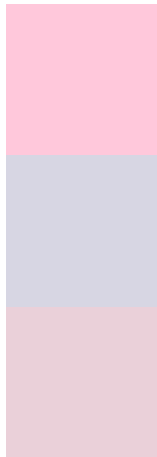


This preview shows how white text looks on a background with the XYZ color 74.6805, 67.6830,

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

74.6805, 67.6830, 76.1459

Protanopia

65.9360, 68.0863, 82.3398

Deuteranopia

69.0119, 67.6139, 75.0591



Tritanopia

74.2889, 67.5264, 74.0842

Trichromacy



Original Color

74.6805, 67.6830, 76.1459

Protanomaly

68.8881, 67.8057, 79.9780

Deuteranomaly

71.1042, 67.6018, 75.6305

Tritanomaly

74.4187, 67.5783, 74.7673

Monochromacy



Original Color

74.6805, 67.6830, 76.1459

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

69.6084, 69.3572, 76.7364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6805, 67.6830, 76.1459 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, 200, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 219)  
}
```

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, 200, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 219) }
```

Border

The CSS property to change the border of an element to XYZ 74.6805, 67.6830, 76.1459 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, 200, 219) }
```


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

```
.border{ border-color:rgb(255, 200, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6805, 67.6830, 76.1459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 219) }
```

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

```
.background{ background-color: rgb(255,  
200, 219) }
```

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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