

Converting Colors

XYZ(79.3938, 69.8602, 77.1965)

Have a look what the booklet for
XYZ(79.3938, 69.8602, 77.1965)
contains.

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Color

**XYZ(74.5817, 67.2742,
76.7645)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7DC
RGB	255, 199, 220
RGB Percent	100%, 78%, 86%
CMY	0.0000, 0.2196, 0.1372
CMYK	0.00, 0.22, 0.14, 0.00
HSL	338°, 100%, 89%
HSV	338°, 22%, 100%
XYZ	74.5817, 67.2742, 76.7645
YIQ	218.1380, 26.6350, 18.4030

Conversions

Conversions Part 2

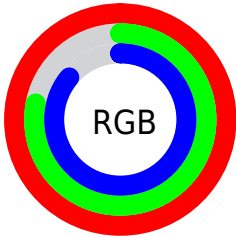
Format	Color
R _Y B	255, 199, 220
Decimal	16762844
CIE Lab	85.64, 23.06, -2.76
CIE LCh	86, 23.229, 353.179
Yxy	67.2742, 0.3411, 0.3077
Android (android.graphics.Color)	4294952924 (0xFFFFC7DC)
YUV	218.1380, 0.9180, 32.3280
Hunter-Lab	82.0209, 18.7739, 1.9242

Details

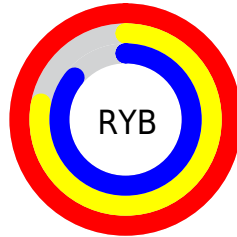
The XYZ color **74.5817, 67.2742, 76.7645** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.1668, 89.6038, 91.2318**, and the grayscale version is **66.7182, 70.1927, 76.4399**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2056, 34.9732, 40.2287** is the 20% darker color. If you saturate the color by 10%, you get **67.1874, 55.7043, 64.3770**, and if you desaturate by 10%, it is **83.1635, 80.8964, 90.5426**.

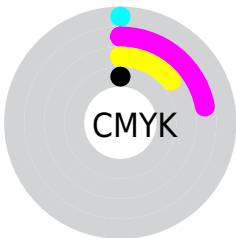
Distribution



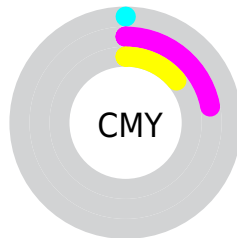
- Red (100%)
- Green (78%)
- Blue (86%)



- 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 74.5817, 67.2742, 76.7645 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 74.5817, 67.2742, 76.7645 by changing the saturation by 10% instead.

74.5817, 67.2742,
76.7645

74.5817, 67.2742,
76.7645

465.4979,
450.9202, 503.3770

55.5632, 49.3075,
56.5492

124.7111,
115.3132, 130.5770

40.0885, 34.8635,
40.2365

156.5528,
146.1543, 165.0112

27.7921, 23.5577,
27.4078

193.3996,
182.0557, 205.0222

18.3086, 15.0059,
17.6446

235.6169,
223.4017, 251.0285

11.2728, 8.8235,
10.5283

283.5700,
270.5768, 303.4485

6.3193, 4.6262,
5.6405

337.6244,

3.0827, 2.0297,

323.9653, 362.7010

2.5625

398.1452,
383.9516, 429.2043

■ 1.1976, 0.6246,
0.8730

■ 0.1045, 0.0000,
0.0000

■ 74.5817, 67.2742,
76.7645

■ 74.5817, 67.2742,
76.7645

■ 67.1874, 55.7043,
64.3770

■ 83.1635, 80.8964,
90.5426

■ 60.9214, 46.0779,
53.3301

■ 92.9790, 96.6556,
105.7505

■ 55.7261, 38.2894,
43.5767

95.0500, 100.0000,
108.9000

■ 51.5369, 32.2192,
35.0648

■ 48.2819, 27.7337,
27.7386

■ 45.8787, 24.6791,
21.5370

■ 44.2289, 22.8703,
16.3912

■ 43.3336, 22.0974,
12.9546

Harmonies

Analogous

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



72.4342, 67.2742, 92.1306



74.5817, 67.2742, 76.7645



73.7549, 67.2742, 62.3731

Triad

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



74.5817, 67.2742, 76.7645



60.0219, 67.2742, 49.6037



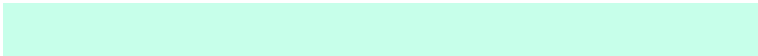
58.0383, 67.2742, 99.1289

Complementary

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



74.5817, 67.2742, 76.7645



74.1668, 89.6038, 91.2318

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.



55.0408, 67.2742, 85.3235



74.5817, 67.2742, 76.7645



56.1411, 67.2742, 57.1433

Square

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



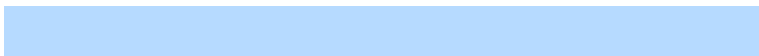
74.5817, 67.2742, 76.7645



65.1577, 67.2742, 47.9679



54.3658, 67.2742, 69.8448



62.7417, 67.2742, 106.1453

Rectangle

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



74.5817, 67.2742, 76.7645



71.6492, 67.2742, 55.0718



54.3658, 67.2742, 69.8448



56.8085, 67.2742, 95.0442

Sweetspot

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



74.5833, 67.2771, 76.7659



87.8729, 88.4374, 97.9017



72.2543, 65.4836, 103.4391



18.6822, 18.7267, 20.7592



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.



74.5833, 67.2771, 76.7659



71.4545, 62.3588, 71.5942



73.5100, 69.3047, 63.5393



18.2911, 18.0997, 20.1499



22.7091, 11.5729, 7.1183



2.2620, 1.1472, 0.9611

Inverse Universe

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



74.5833, 67.2771, 76.7659



71.4545, 62.3588, 71.5942



75.3161, 86.7855, 107.3894



18.2911, 18.0997, 20.1499



22.7091, 11.5729, 7.1183



2.2620, 1.1472, 0.9611

Previews

White Background



This preview shows how the XYZ color 74.5817, 67.2742, 76.7645 looks on a white background.

Color Contrast Check

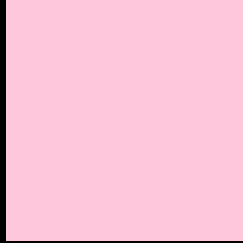
Large Text (above 18pt) WCAG AA × Fail

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 74.5817, 67.2742, 76.7645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

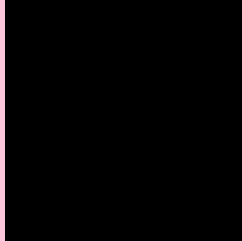
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5817, 67.2742, 76.7645

Background



This preview shows how black text looks on a background with the XYZ color 74.5817, 67.2742, 76.7645.



This preview shows how white text looks on a background with the XYZ color 74.5817, 67.2742,

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

74.5817, 67.2742, 76.7645

Protanopia

65.5294, 67.4861, 82.9711

Deuteranopia

68.8150, 67.4973, 75.7310



Tritanopia

73.7931, 67.2857, 73.3881

Trichromacy



Original Color

74.5817, 67.2742, 76.7645

Protanomaly

68.4596, 67.2060, 80.5980

Deuteranomaly

70.8931, 67.4779, 76.3059

Tritanomaly

74.0517, 67.3891, 74.7501

Monochromacy



Original Color

74.5817, 67.2742, 76.7645

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

69.0354, 68.6919, 76.6381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5817, 67.2742, 76.7645 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, 199, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 220)  
}
```

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, 199, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 220) }
```

Border

The CSS property to change the border of an element to XYZ 74.5817, 67.2742, 76.7645 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, 199, 220) }
```


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

```
.border{ border-color:rgb(255, 199, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5817, 67.2742, 76.7645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 220) }
```

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

```
.background{ background-color: rgb(255,  
199, 220) }
```

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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