

Converting Colors

XYZ(73.8410, 69.1933, 75.2689)

Have a look what the booklet for
XYZ(73.8410, 69.1933, 75.2689)
contains.

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Color

**XYZ(73.7800, 68.9964,
75.0746)**

Conversions

Conversions Part 1

Format	Color
Hex	FACDD9
RGB	250, 205, 217
RGB Percent	98%, 80%, 85%
CMY	0.0196, 0.1961, 0.1490
CMYK	0.00, 0.18, 0.13, 0.02
HSL	344°, 82%, 89%
HSV	344°, 18%, 98%
XYZ	73.7800, 68.9964, 75.0746
YIQ	219.8230, 22.9680, 13.2720

Conversions

Conversions Part 2

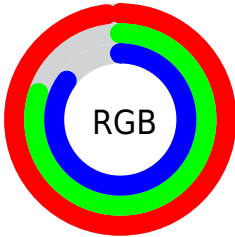
Format	Color
RYB	250, 205, 217
Decimal	16436697
CIELab	86.50, 17.70, 0.04
CIElCh	87, 17.699, 0.129
Yxy	68.9964, 0.3387, 0.3167
Android (android.graphics.Color)	4294626777 (0xFF FACDD9)
YUV	219.8230, -1.3917, 26.4652
Hunter-Lab	83.0641, 13.1869, 4.5576

Details

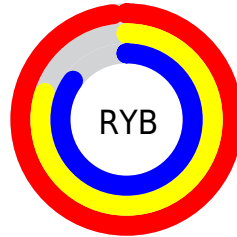
The XYZ color **73.7800, 68.9964, 75.0746** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.7978, 87.5251, 93.8449**, and the grayscale version is **67.9039, 71.4402, 77.7984**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5805, 36.0793, 39.0603** is the 20% darker color. If you saturate the color by 10%, you get **66.0171, 57.0771, 61.3673**, and if you desaturate by 10%, it is **82.7672, 82.9388, 90.4989**.

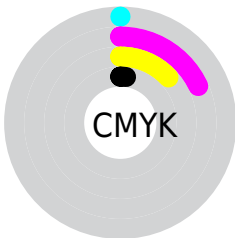
Distribution



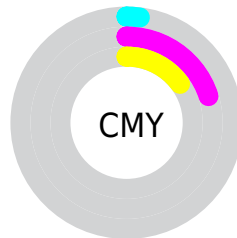
- Red (98%)
- Green (80%)
- Blue (85%)



- Red (98%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (18%)
- Yellow (13%)
- Black (2%)




- Cyan (2%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7800, 68.9964, 75.0746 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 73.7800, 68.9964, 75.0746 by changing the saturation by 10% instead.

 73.7800, 68.9964,
75.0746

 73.7800, 68.9964,
75.0746

462.7758,
457.0183, 497.4362

 54.9046, 50.7088,
55.1719


123.5811,
117.7764, 128.1660

 39.5589, 35.9769,
39.1398

155.2375,
149.0376, 162.1918

 27.3775, 24.4164,
26.5599


191.8850,
185.3922, 201.7624

 17.9950, 15.6428,
17.0134

233.8889,
227.2244, 247.2964

 11.0460, 9.2717,
10.0820

281.6145,
274.9187, 299.2122

 6.1653, 4.9188,
5.3471

335.4273,

 2.9875, 2.1997,

328.8595, 357.9284

2.3900

395.6926,
389.4313, 423.8635

■ 1.1472, 0.7198,
0.7810

■ 0.0640, 0.0000,
0.0000

■ 73.7800, 68.9964,
75.0746

■ 73.7800, 68.9964,
75.0746

■ 66.0171, 57.0771,
61.3673

■ 82.7672, 82.9388,
90.4989

■ 59.4189, 47.0776,
49.3121

■ 93.0215, 98.9789,
107.6927

■ 53.9292, 38.8994,
38.8463

■ 93.2346, 99.0641,
108.8150

■ 49.4849, 32.4317,
29.9015

■ 46.0162, 27.5513,
22.4037

■ 43.4444, 24.1184,
16.2727

■ 41.6777, 21.9684,
11.4190

■ 40.5946, 20.8790,
7.7379

■ 40.4272, 20.7252,
7.1247

Harmonies

Analogous

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



72.6532, 68.9964, 86.9368



73.7800, 68.9964, 75.0746



72.6342, 68.9964, 64.3560

Triad

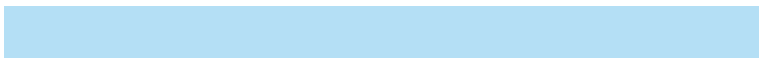
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7800, 68.9964, 75.0746



61.7021, 68.9964, 57.2459



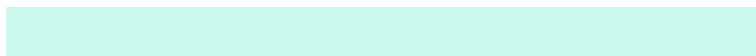
61.7316, 68.9964, 96.4465

Complementary

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



73.7800, 68.9964, 75.0746



74.7978, 87.5251, 93.8449

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.



58.9961, 68.9964, 87.0338



73.7800, 68.9964, 75.0746



58.9796, 68.9964, 64.4353

Square

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



73.7800, 68.9964, 75.0746



65.5613, 68.9964, 54.7395



58.0094, 68.9964, 75.1761



65.5967, 68.9964, 100.0320

Rectangle

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



73.7800, 68.9964, 75.0746



70.7621, 68.9964, 59.0998



58.0094, 68.9964, 75.1761



60.6554, 68.9964, 93.8138

Sweetspot

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



73.7819, 68.9995, 75.0761



89.6473, 91.5455, 99.8518



74.3488, 68.7452, 99.7937



19.0315, 19.3498, 21.1083



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

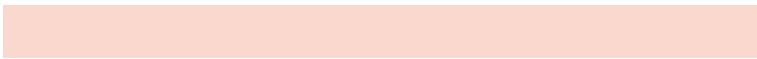
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7819, 68.9995, 75.0761



73.7596, 66.9085, 72.5489



74.8740, 73.5906, 68.0196



17.4346, 17.3012, 18.8784



21.4943, 11.0134, 4.0453



2.0327, 1.0368, 0.5957

Inverse Universe

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



73.7819, 68.9995, 75.0761



73.7596, 66.9085, 72.5489



73.4476, 81.9095, 102.3821



17.4346, 17.3012, 18.8784



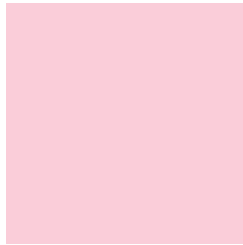
21.4943, 11.0134, 4.0453



2.0327, 1.0368, 0.5957

Previews

White Background



This preview shows how the XYZ color 73.7800, 68.9964, 75.0746 looks on a white background.

Color Contrast Check

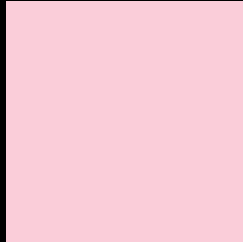
Large Text (above 18pt) WCAG AA × Fail

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 73.7800, 68.9964, 75.0746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

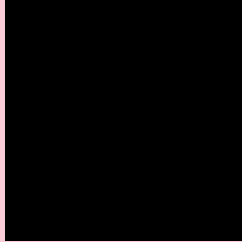
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7800, 68.9964, 75.0746

Background



This preview shows how black text looks on a background with the XYZ color 73.7800, 68.9964, 75.0746.



This preview shows how white text looks on a background with the XYZ color 73.7800, 68.9964,

75.0746.

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

73.7800, 68.9964, 75.0746

Protanopia

67.0886, 69.4995, 79.6908

Deuteranopia

70.7012, 69.2282, 74.6018



Tritanopia

73.9355, 68.6770, 77.0693

Trichromacy



Original Color

73.7800, 68.9964, 75.0746

Protanomaly

69.2278, 69.1304, 78.1014

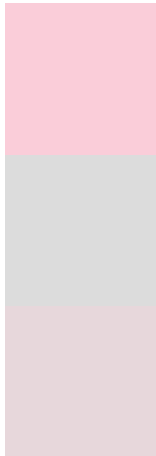
Deuteranomaly

71.5685, 68.9469, 74.5018

Tritanomaly

73.8034, 68.6242, 76.3738

Monochromacy



Original Color

73.7800, 68.9964, 75.0746

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.0416, 70.7043, 76.9735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7800, 68.9964, 75.0746 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(250, 205, 217)` looks like.

```
.text, #text, p{  
    color:rgb(250, 205, 217)  
}
```

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(250, 205, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 205, 217) }
```

Border

The CSS property to change the border of an element to XYZ 73.7800, 68.9964, 75.0746 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(250, 205, 217) }
```


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

```
.border{ border-color:rgb(250, 205, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 205, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 205, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 205, 217);  
box-shadow:4px 4px 4px 4px rgb(250, 205,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7800, 68.9964, 75.0746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 205, 217) }
```

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

```
.background{ background-color: rgb(250,  
205, 217) }
```

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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