

Converting Colors

XYZ(74.6031, 69.1878, 78.6458)

Have a look what the booklet for
XYZ(74.6031, 69.1878, 78.6458)
contains.

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Color

**XYZ(74.7998, 69.4458,
78.5692)**

Conversions

Conversions Part 1

Format	Color
Hex	FBCDDE
RGB	251, 205, 222
RGB Percent	98%, 80%, 87%
CMY	0.0157, 0.1961, 0.1294
CMYK	0.00, 0.18, 0.12, 0.02
HSL	338°, 85%, 89%
HSV	338°, 18%, 98%
XYZ	74.7998, 69.4458, 78.5692
YIQ	220.6920, 21.9590, 15.0390

Conversions

Conversions Part 2

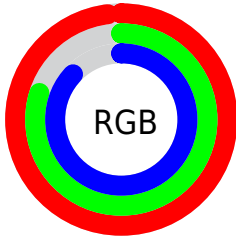
Format	Color
R _Y B	251, 205, 222
Decimal	16502238
CIE Lab	86.72, 18.85, -2.28
CIE LCh	87, 18.986, 353.111
Yxy	69.4458, 0.3357, 0.3117
Android (android.graphics.Color)	4294692318 (0xFFFB CDDE)
YUV	220.6920, 0.6448, 26.5801
Hunter-Lab	83.3341, 14.3849, 2.4340

Details

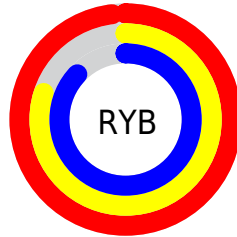
The XYZ color **74.7998, 69.4458, 78.5692** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.5281, 87.9158, 90.8876**, and the grayscale version is **68.4978, 72.0650, 78.4788**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2898, 36.3926, 41.4602** is the 20% darker color. If you saturate the color by 10%, you get **67.2482, 57.5787, 66.0740**, and if you desaturate by 10%, it is **83.5176, 83.3250, 92.4371**.

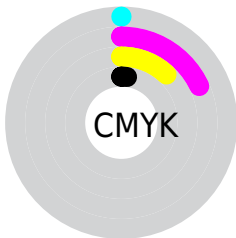
Distribution



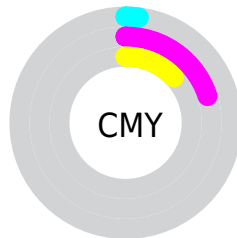
- Red (98%)
- Green (80%)
- Blue (87%)



- Red (98%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (18%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7998, 69.4458, 78.5692 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 74.7998, 69.4458, 78.5692 by changing the saturation by 10% instead.


 74.7998, 69.4458,
78.5692

 74.7998, 69.4458,
78.5692

466.2370,
458.6017, 509.6768

 55.7425, 51.0749,
58.0225


125.0184,
118.4181, 133.1454

 40.2327, 36.2682,
41.4119

156.9103,
149.7882, 168.0119

 27.9050, 24.6414,
28.3189

193.8112,
186.2602, 208.4887

 18.3942, 15.8101,
18.3251

236.0864,
228.2184, 254.9944

 11.3348, 9.3899,
11.0118

284.1012,
276.0473, 307.9475

 6.3614, 4.9963,
5.9605

338.2210,

 3.1088, 2.2451,

330.1312, 367.7666

2.7527

398.8111,
390.8545, 434.8702

■ 1.2116, 0.7444,
0.9698

■ 0.1155, 0.0000,
0.0000

■ 74.7998, 69.4458,
78.5692

■ 74.7998, 69.4458,
78.5692

■ 67.2482, 57.5787,
66.0740

■ 83.5176, 83.3250,
92.4371

■ 60.8057, 47.6205,
54.9030

■ 93.3778, 99.1629,
107.6931

■ 55.4188, 39.4730,
45.0113

■ 93.5940, 99.2494,
108.8319

■ 51.0275, 33.0252,
36.3493

■ 47.5650, 28.1539,
28.8638

■ 44.9561, 24.7192,
22.4970

■ 43.1124, 22.5558,
17.1847

■ 41.9133, 21.4342,
12.8495

■ 41.7486, 21.2952,
12.2070

Harmonies

Analogous

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



73.0328, 69.4458, 91.1712



74.7998, 69.4458, 78.5692



74.1278, 69.4458, 66.4657

Triad

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



74.7998, 69.4458, 78.5692



62.7291, 69.4458, 55.3814



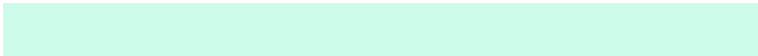
61.0393, 69.4458, 96.7791

Complementary

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



74.7998, 69.4458, 78.5692



74.5281, 87.9158, 90.8876

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.



58.5005, 69.4458, 85.5669



74.7998, 69.4458, 78.5692



59.4453, 69.4458, 61.9367

Square

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



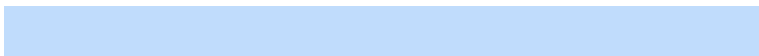
74.7998, 69.4458, 78.5692



67.0299, 69.4458, 53.9508



57.9302, 69.4458, 72.7352



64.9929, 69.4458, 102.4172

Rectangle

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



74.7998, 69.4458, 78.5692



72.4009, 69.4458, 60.1835



57.9302, 69.4458, 72.7352



59.9995, 69.4458, 93.4809

Sweetspot

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



74.8018, 69.4489, 78.5707



89.8491, 91.6262, 100.9143



72.9706, 68.0165, 100.5502



19.0804, 19.3694, 21.3660



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

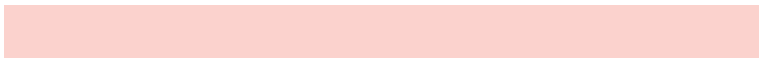
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8018, 69.4489, 78.5707



74.5096, 67.2085, 76.4984



73.9428, 71.1946, 67.6061



17.5098, 17.3313, 19.2742



22.0088, 11.2192, 6.7545



2.0876, 1.0588, 0.8848

Inverse Universe

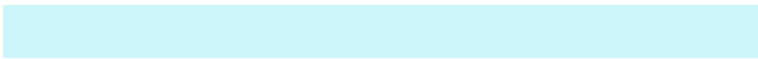
The Inverse Universe completely reimagines the original color for something new.



74.8018, 69.4489, 78.5707



74.5096, 67.2085, 76.4984



75.4361, 85.6348, 103.8209



17.5098, 17.3313, 19.2742



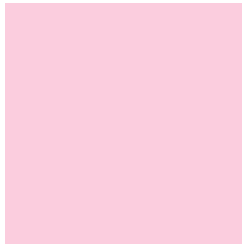
22.0088, 11.2192, 6.7545



2.0876, 1.0588, 0.8848

Previews

White Background



This preview shows how the XYZ color 74.7998, 69.4458, 78.5692 looks on a white background.

Color Contrast Check

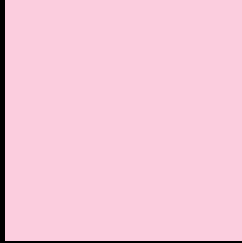
Large Text (above 18pt) WCAG AA × Fail

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 74.7998, 69.4458, 78.5692 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 74.7998, 69.4458, 78.5692

Background



This preview shows how black text looks on a background with the XYZ color 74.7998, 69.4458, 78.5692.



This preview shows how white text looks on a background with the XYZ color 74.7998, 69.4458,

78.5692.

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

74.7998, 69.4458, 78.5692

Protanopia

67.6122, 69.6743, 84.0137

Deuteranopia

71.2705, 69.8135, 78.1256



Tritanopia

74.6661, 69.3923, 77.8653

Trichromacy



Original Color

74.7998, 69.4458, 78.5692

Protanomaly

69.9041, 69.4009, 81.6629

Deuteranomaly

72.4696, 69.6986, 78.0402

Tritanomaly

74.6661, 69.3923, 77.8653

Monochromacy



Original Color

74.7998, 69.4458, 78.5692

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

70.6303, 70.9771, 78.3840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7998, 69.4458, 78.5692 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(251, 205, 222)` looks like.

```
.text, #text, p{  
    color:rgb(251, 205, 222)  
}
```

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(251, 205, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 205, 222) }
```

Border

The CSS property to change the border of an element to XYZ 74.7998, 69.4458, 78.5692 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(251, 205, 222) }
```


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

```
.border{ border-color:rgb(251, 205, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 205, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 205, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 205, 222); box-shadow:4px 4px 4px 4px rgb(251, 205, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7998, 69.4458, 78.5692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 205, 222) }
```

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

```
.background{ background-color: rgb(251,  
205, 222) }
```

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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