

Converting Colors

XYZ(74.2093, 68.7837, 78.4613)

Have a look what the booklet for
XYZ(74.2093, 68.7837, 78.4613)
contains.

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Color

**XYZ(74.2020, 68.7837,
78.4729)**

Conversions

Conversions Part 1

Format	Color
Hex	FACCDE
RGB	250, 204, 222
RGB Percent	98%, 80%, 87%
CMY	0.0196, 0.2000, 0.1294
CMYK	0.00, 0.18, 0.11, 0.02
HSL	337°, 82%, 89%
HSV	337°, 18%, 98%
XYZ	74.2020, 68.7837, 78.4729
YIQ	219.8060, 21.6380, 15.3500

Conversions

Conversions Part 2

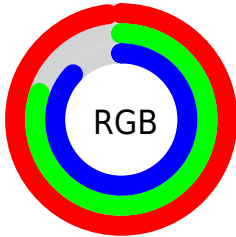
Format	Color
R _Y B	250, 204, 222
Decimal	16436446
CIE Lab	86.40, 19.03, -2.77
CIE LCh	86, 19.228, 351.721
Yxy	68.7837, 0.3351, 0.3106
Android (android.graphics.Color)	4294626526 (0xFFFAACCDE)
YUV	219.8060, 1.0816, 26.4801
Hunter-Lab	82.9359, 14.5644, 1.9557

Details

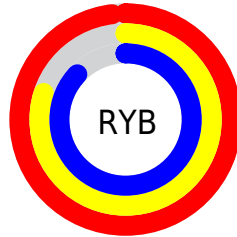
The XYZ color **74.2020, 68.7837, 78.4729** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.6557, 87.0365, 89.2658**, and the grayscale version is **67.8761, 71.4109, 77.7665**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8737, 35.9402, 41.3948** is the 20% darker color. If you saturate the color by 10%, you get **66.7818, 57.0611, 66.3862**, and if you desaturate by 10%, it is **82.7639, 82.4935, 91.8503**.

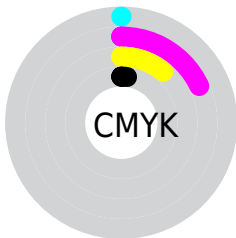
Distribution



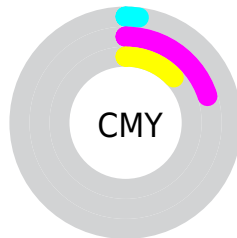
- Red (98%)
- Green (80%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (18%)
- Yellow (11%)
- Black (2%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2020, 68.7837, 78.4729 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 74.2020, 68.7837, 78.4729 by changing the saturation by 10% instead.


 74.2020, 68.7837,
78.4729

 74.2020, 68.7837,
78.4729


464.2098,
456.2677, 509.3418

 55.2513, 50.5356,
57.9438


124.1761,
117.4726, 133.0085

 39.8376, 35.8391,
41.3491


155.9301,
148.6821, 167.8520

 27.5956, 24.3100,
28.2702


192.6826,
184.9809, 208.3041

 18.1599, 15.5637,
18.2886

234.7990,
226.7534, 254.7833

 11.1652, 9.2160,
10.9858

282.6445,
274.3839, 307.7081

 6.2462, 4.8823,
5.9432

336.5846,

 3.0374, 2.1784,

328.2569, 367.4971

2.7424

396.9846,
388.7567, 434.5688

■ 1.1736, 0.7082,
0.9646

■ 0.0854, 0.0000,
0.0000

■ 74.2020, 68.7837,
78.4729

■ 74.2020, 68.7837,
78.4729

■ 66.7818, 57.0611,
66.3862

■ 82.7639, 82.4935,
91.8503

■ 60.4473, 47.2238,
55.5451

■ 92.5088, 98.2679,
106.5526

■ 55.1463, 39.1744,
45.9081

■ 93.2347, 99.0642,
108.8150

■ 50.8197, 32.8036,
37.4295

■ 47.4021, 27.9894,
30.0602

■ 44.8197, 24.5932,
23.7466

■ 42.9857, 22.4518,
18.4294

■ 41.7805, 21.3361,
14.0363

■ 41.6204, 21.2024,
13.4075

Harmonies

Analogous

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



72.3163, 68.7837, 91.0989



74.2020, 68.7837, 78.4729



73.6402, 68.7837, 66.1976

Triad

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



74.2020, 68.7837, 78.4729



62.2654, 68.7837, 54.3832



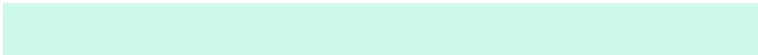
60.2252, 68.7837, 95.7925

Complementary

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



74.2020, 68.7837, 78.4729



73.6557, 87.0365, 89.2658

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.



57.7560, 68.7837, 84.3200



74.2020, 68.7837, 78.4729



58.8962, 68.7837, 60.7342

Square

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



74.2020, 68.7837, 78.4729



66.6149, 68.7837, 53.1943



57.2807, 68.7837, 71.4251



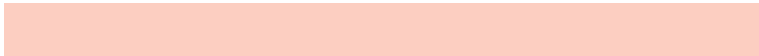
64.1542, 68.7837, 101.8130

Rectangle

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



74.2020, 68.7837, 78.4729



71.9640, 68.7837, 59.7603



57.2807, 68.7837, 71.4251



59.2045, 68.7837, 92.3880

Sweetspot

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



74.2040, 68.7868, 78.4744



88.8982, 90.0382, 99.6300



71.9997, 67.1802, 99.6155



18.8904, 19.0500, 21.1155



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

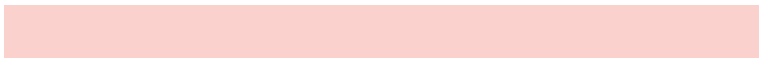
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2040, 68.7868, 78.4744



74.6714, 67.2732, 77.3505



73.0283, 70.0917, 66.8106



17.5258, 17.3377, 19.3585



22.1422, 11.2726, 7.4570



2.1011, 1.0642, 0.9558

Inverse Universe

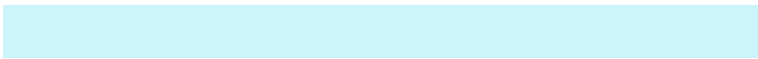
The Inverse Universe completely reimagines the original color for something new.



74.2040, 68.7868, 78.4744



74.6714, 67.2732, 77.3505



74.9329, 85.2884, 102.9561



17.5258, 17.3377, 19.3585



22.1422, 11.2726, 7.4570



2.1011, 1.0642, 0.9558

Previews

White Background



This preview shows how the XYZ color 74.2020, 68.7837, 78.4729 looks on a white background.

Color Contrast Check

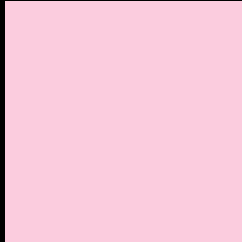
Large Text (above 18pt) WCAG AA × Fail

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 74.2020, 68.7837, 78.4729 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 74.2020, 68.7837, 78.4729

Background



This preview shows how black text looks on a background with the XYZ color 74.2020, 68.7837, 78.4729.



This preview shows how white text looks on a background with the XYZ color 74.2020, 68.7837,

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

74.2020, 68.7837, 78.4729

Protanopia

67.0586, 69.0097, 83.9146

Deuteranopia

70.3587, 68.9758, 78.0120



Tritanopia

73.9355, 68.6770, 77.0693

Trichromacy



Original Color

74.2020, 68.7837, 78.4729

Protanomaly

69.3348, 68.7375, 81.5648

Deuteranomaly

71.5422, 68.8575, 77.9268

Tritanomaly

74.0684, 68.7302, 77.7690

Monochromacy



Original Color

74.2020, 68.7837, 78.4729

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.0527, 70.3025, 78.2842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2020, 68.7837, 78.4729 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, 204, 222) looks like.

```
.text, #text, p{  
    color:rgb(250, 204, 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(250, 204, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 204, 222) }
```

Border

The CSS property to change the border of an element to XYZ 74.2020, 68.7837, 78.4729 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, 204, 222) }
```


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

```
.border{ border-color:rgb(250, 204, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 204, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 204, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 204, 222);  
box-shadow:4px 4px 4px 4px rgb(250, 204,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2020, 68.7837, 78.4729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 204, 222) }
```

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

```
.background{ background-color: rgb(250,  
204, 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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