

Converting Colors

XYZ(75.9026, 70.0445, 82.0240)

Have a look what the booklet for
XYZ(75.9026, 70.0445, 82.0240)
contains.

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Color

**XYZ(75.8413, 69.9041,
82.1686)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCDE3
RGB	252, 205, 227
RGB Percent	99%, 80%, 89%
CMY	0.0118, 0.1961, 0.1098
CMYK	0.00, 0.19, 0.10, 0.01
HSL	332°, 89%, 90%
HSV	332°, 19%, 99%
XYZ	75.8413, 69.9041, 82.1686
YIQ	221.5610, 20.9500, 16.8060

Conversions

Conversions Part 2

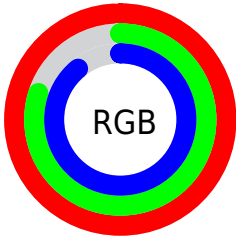
Format	Color
R _Y B	252, 205, 227
Decimal	16567779
CIE Lab	86.95, 20.01, -4.59
CIE LCh	87, 20.529, 347.088
Yxy	69.9041, 0.3328, 0.3067
Android (android.graphics.Color)	4294757859 (0xFFFCDE3)
YUV	221.5610, 2.6814, 26.6950
Hunter-Lab	83.6087, 15.6019, 0.2573

Details

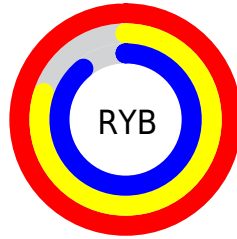
The XYZ color **75.8413, 69.9041, 82.1686** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.2729, 88.3149, 87.9989**, and the grayscale version is **69.0947, 72.6930, 79.1626**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0187, 36.7139, 43.9543** is the 20% darker color. If you saturate the color by 10%, you get **68.5134, 58.0942, 70.9503**, and if you desaturate by 10%, it is **84.2881, 83.7195, 94.4723**.

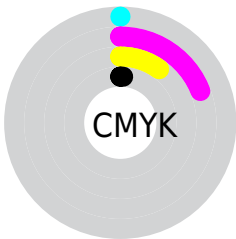
Distribution



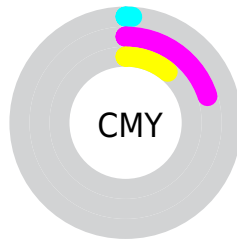
- Red (99%)
- Green (80%)
- Blue (89%)



- Red (99%)
- Yellow (80%)
- Blue (89%)



- Cyan (0%)
- Magenta (19%)
- Yellow (10%)
- Black (1%)



- Cyan (1%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.8413, 69.9041, 82.1686 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 75.8413, 69.9041, 82.1686 by changing the saturation by 10% instead.

75.8413, 69.9041,
82.1686

75.8413, 69.9041,
82.1686

469.7570,
460.2132, 522.1097

56.5990, 51.4484,
60.9679

126.4841,
119.0720, 138.2492

40.9222, 36.5656,
43.7689

158.6153,
150.5529, 173.9662

28.4457, 24.8713,
30.1530

195.7735,
187.1444, 215.3590

18.8041, 15.9812,
19.7017

238.3241,
229.2307, 262.8462

11.6320, 9.5108,
11.9965

286.6323,
277.1964, 316.8464

6.5640, 5.0759,
6.6188

341.0637,

3.2349, 2.2918,

331.4258, 377.7780

3.1500

401.9835,
392.3032, 446.0596

■ 1.2791, 0.7694,
1.1717

■ 0.1675, 0.0000,
0.0000

■ 75.8413, 69.9041,
82.1686

■ 75.8413, 69.9041,
82.1686

■ 68.5134, 58.0942,
70.9503

■ 84.2881, 83.7195,
94.4723

■ 62.2487, 48.1863,
60.7803

■ 93.7646, 99.3594,
107.8449

■ 56.9957, 40.0819,
51.6255

■ 93.9553, 99.4356,
108.8488

■ 52.6959, 33.6695,
43.4493

■ 49.2845, 28.8255,
36.2119

■ 46.6880, 25.4089,
29.8701

■ 44.8199, 23.2531,
24.3753

■ 43.5577, 22.1197,
19.6659

■ 43.4121, 22.0024,
19.0814

Harmonies

Analogous

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



73.4269, 69.9041, 95.5480



75.8413, 69.9041, 82.1686



75.6515, 69.9041, 68.6142

Triad

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



75.8413, 69.9041, 82.1686



63.7688, 69.9041, 53.5582



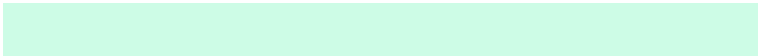
60.3589, 69.9041, 97.1405

Complementary

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



75.8413, 69.9041, 82.1686



74.2729, 88.3149, 87.9989

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.



58.0116, 69.9041, 84.1406



75.8413, 69.9041, 82.1686



59.9143, 69.9041, 59.5113

Square

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



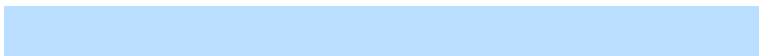
75.8413, 69.9041, 82.1686



68.5236, 69.9041, 53.1651



57.8528, 69.9041, 70.3638



64.4025, 69.9041, 104.8660

Rectangle

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



75.8413, 69.9041, 82.1686



74.0725, 69.9041, 61.2727



57.8528, 69.9041, 70.3638



59.3540, 69.9041, 93.1762

Sweetspot

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



75.8433, 69.9072, 82.1701



89.0789, 90.1105, 100.5813



71.8082, 67.3990, 101.3210



18.9331, 19.0671, 21.3401



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.



75.8433, 69.9072, 82.1701



75.2524, 67.5057, 80.4101



73.1860, 69.1448, 67.2503



17.5827, 17.3604, 19.6583



22.6866, 11.4904, 10.3240



2.1542, 1.0854, 1.2354

Inverse Universe

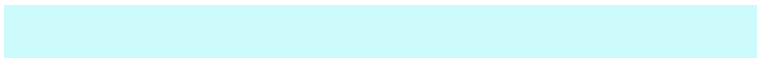
The Inverse Universe completely reimagines the original color for something new.



75.8433, 69.9072, 82.1701



75.2524, 67.5057, 80.4101



77.3146, 89.1388, 105.2270



17.5827, 17.3604, 19.6583



22.6866, 11.4904, 10.3240



2.1542, 1.0854, 1.2354

Previews

White Background



This preview shows how the XYZ color 75.8413, 69.9041, 82.1686 looks on a white background.

Color Contrast Check

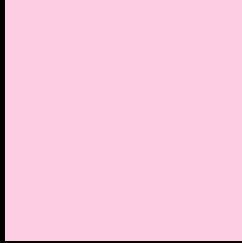
Large Text (above 18pt) WCAG AA × Fail

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 75.8413, 69.9041, 82.1686 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 75.8413, 69.9041, 82.1686

Background



This preview shows how black text looks on a background with the XYZ color 75.8413, 69.9041, 82.1686.



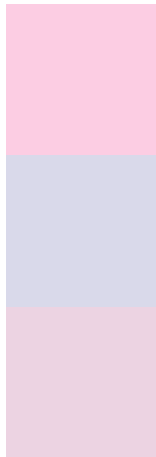
This preview shows how white text looks on a background with the XYZ color 75.8413, 69.9041,

82.1686.

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

75.8413, 69.9041, 82.1686

Protanopia

68.2794, 70.3179, 87.8159

Deuteranopia

71.6138, 69.9124, 81.6715



Tritanopia

75.0398, 69.9258, 78.6492

Trichromacy



Original Color

75.8413, 69.9041, 82.1686

Protanomaly

70.8512, 70.1810, 85.4133

Deuteranomaly

73.1459, 69.9692, 81.6017

Tritanomaly

75.3095, 70.0337, 80.0696

Monochromacy



Original Color

75.8413, 69.9041, 82.1686

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.6147, 71.8172, 80.6086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8413, 69.9041, 82.1686 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(252, 205, 227)` looks like.

```
.text, #text, p{  
    color:rgb(252, 205, 227)  
}
```

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(252, 205, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 205, 227) }
```

Border

The CSS property to change the border of an element to XYZ 75.8413, 69.9041, 82.1686 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(252, 205, 227) }
```


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

```
.border{ border-color:rgb(252, 205, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 205, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 205, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 205, 227);  
box-shadow:4px 4px 4px 4px rgb(252, 205,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8413, 69.9041, 82.1686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 205, 227) }
```

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

```
.background{ background-color: rgb(252,  
205, 227) }
```

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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