

Converting Colors

XYZ(87.1558, 75.7995, 82.8074)

Have a look what the booklet for
XYZ(87.1558, 75.7995, 82.8074)
contains.

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Color

**XYZ(76.9364, 70.4687,
82.2199)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDE3
RGB	255, 205, 227
RGB Percent	100%, 80%, 89%
CMY	0.0000, 0.1961, 0.1098
CMYK	0.00, 0.20, 0.11, 0.00
HSL	334°, 100%, 90%
HSV	334°, 20%, 100%
XYZ	76.9364, 70.4687, 82.2199
YIQ	222.4580, 22.7380, 17.4420

Conversions

Conversions Part 2

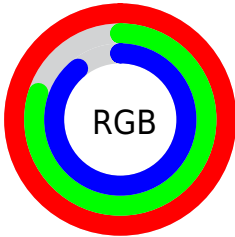
Format	Color
R _Y B	255, 205, 227
Decimal	16764387
CIE Lab	87.23, 21.04, -4.15
CIE LCh	87, 21.445, 348.846
Yxy	70.4687, 0.3351, 0.3069
Android (android.graphics.Color)	4294954467 (0xFFFFCDE3)
YUV	222.4580, 2.2392, 28.5393
Hunter-Lab	83.9456, 16.6909, 0.6908

Details

The XYZ color **76.9364, 70.4687, 82.2199** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.6472, 90.3835, 90.5530**, and the grayscale version is **69.7298, 73.3612, 79.8904**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8017, 37.1175, 43.9909** is the 20% darker color. If you saturate the color by 10%, you get **69.4365, 58.4934, 70.3955**, and if you desaturate by 10%, it is **85.5973, 84.5035, 95.2398**.

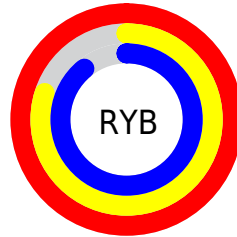
Distribution



Red (100%)

Green (80%)

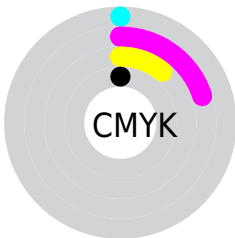
Blue (89%)



Red (100%)

Yellow (80%)

Blue (89%)

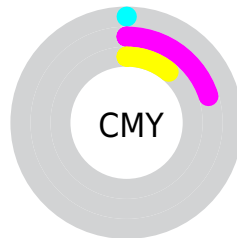


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9364, 70.4687, 82.2199 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 76.9364, 70.4687, 82.2199 by changing the saturation by 10% instead.

76.9364, 70.4687,
82.2199

76.9364, 70.4687,
82.2199

473.4424,
462.1940, 522.2857

57.5004, 51.9087,
61.0099

128.0230,
119.8769, 138.3218

41.6488, 36.9323,
43.8026

160.4044,
151.4939, 174.0508

29.0163, 25.1551,
30.1793

197.8316,
188.2321, 215.4565

19.2375, 16.1927,
19.7215

240.6699,
230.4758, 262.9576

11.9471, 9.6606,
12.0107

289.2848,
278.6095, 316.9725

6.7796, 5.1745,
6.6283

344.0417,

3.3697, 2.3500,

333.0175, 377.9198

3.1559

405.3057,
394.0842, 446.2180

■ 1.3522, 0.8000,
1.1748

■ 0.2218, 0.0000,
0.0000

■ 76.9364, 70.4687,
82.2199

■ 76.9364, 70.4687,
82.2199

■ 69.4365, 58.4934,
70.3955

■ 85.5973, 84.5035,
95.2398

■ 63.0404, 48.4707,
59.7253

95.0500, 100.0000,
108.9000

■ 57.6937, 40.2980,
50.1720

■ 53.3349, 33.8593,
41.6938

■ 49.8960, 29.0255,
34.2462

■ 47.2995, 25.6490,
27.7802

■ 45.4537, 23.5546,
22.2412

■ 44.2177, 22.4685,
17.5563

■ 44.1752, 22.4341,
17.3866

Harmonies

Analogous

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



74.5381, 70.4687, 96.4666



76.9364, 70.4687, 82.2199



76.5682, 70.4687, 68.1133

Triad

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



76.9364, 70.4687, 82.2199



63.8985, 70.4687, 53.3590



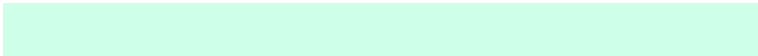
60.8051, 70.4687, 99.5639

Complementary

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



76.9364, 70.4687, 82.2199



75.6472, 90.3835, 90.5530

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.



58.2247, 70.4687, 86.0411



76.9364, 70.4687, 82.2199



59.9479, 70.4687, 59.8849

Square

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



76.9364, 70.4687, 82.2199



68.8694, 70.4687, 52.6066



57.9190, 70.4687, 71.4871



65.1223, 70.4687, 107.2841

Rectangle

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



76.9364, 70.4687, 82.2199



74.8077, 70.4687, 60.6134



57.9190, 70.4687, 71.4871



59.7153, 70.4687, 95.4731

Sweetspot

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



76.9381, 70.4717, 82.2214



89.0127, 90.0840, 100.2328



73.3249, 68.1256, 103.8927



18.9174, 19.0608, 21.2578



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.



76.9381, 70.4717, 82.2214



73.5019, 64.9604, 76.8797



74.6957, 70.5392, 67.4400



18.3413, 18.1199, 20.4147



23.1546, 11.7511, 9.4646



2.3083, 1.1657, 1.2049

Inverse Universe

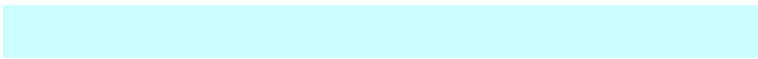
The Inverse Universe completely reimagines the original color for something new.



76.9381, 70.4717, 82.2214



73.5019, 64.9604, 76.8797



78.1963, 90.1355, 107.8842



18.3413, 18.1199, 20.4147



23.1546, 11.7511, 9.4646



2.3083, 1.1657, 1.2049

Previews

White Background



This preview shows how the XYZ color 76.9364, 70.4687, 82.2199 looks on a white background.

Color Contrast Check

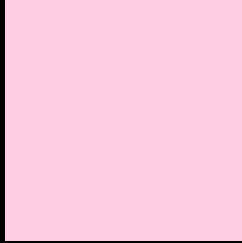
Large Text (above 18pt) WCAG AA × Fail

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 76.9364, 70.4687, 82.2199 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 76.9364, 70.4687, 82.2199

Background



This preview shows how black text looks on a background with the XYZ color 76.9364, 70.4687, 82.2199.



This preview shows how white text looks on a background with the XYZ color 76.9364, 70.4687,

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

76.9364, 70.4687, 82.2199

Protanopia

68.5776, 70.4716, 87.8299

Deuteranopia

72.1960, 70.5825, 81.7701



Tritanopia

76.1292, 70.4874, 78.7002

Trichromacy



Original Color

76.9364, 70.4687, 82.2199

Protanomaly

71.1731, 70.3469, 85.4284

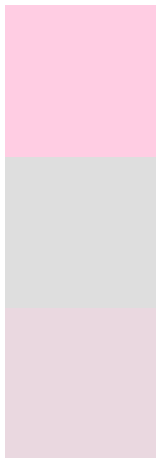
Deuteranomaly

73.8362, 70.3250, 81.6340

Tritanomaly

76.3989, 70.5953, 80.1206

Monochromacy



Original Color

76.9364, 70.4687, 82.2199

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.9421, 71.9860, 80.6239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9364, 70.4687, 82.2199 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, 205, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 205, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 227) }
```

Border

The CSS property to change the border of an element to XYZ 76.9364, 70.4687, 82.2199 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, 205, 227) }
```


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

```
.border{ border-color:rgb(255, 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(255, 205, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9364, 70.4687, 82.2199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 227) }
```

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

```
.background{ background-color: rgb(255,  
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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