

Converting Colors

XYZ(93.0320, 76.3034, 83.0814)

Have a look what the booklet for
XYZ(93.0320, 76.3034, 83.0814)
contains.

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Color

**XYZ(75.4377, 67.2496,
82.4033)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6E4
RGB	255, 198, 228
RGB Percent	100%, 78%, 89%
CMY	0.0000, 0.2235, 0.1059
CMYK	0.00, 0.22, 0.11, 0.00
HSL	328°, 100%, 89%
HSV	328°, 22%, 100%
XYZ	75.4377, 67.2496, 82.4033
YIQ	218.4630, 24.3420, 21.4140

Conversions

Conversions Part 2

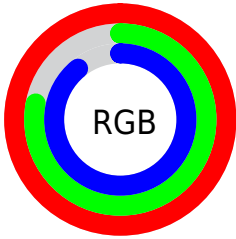
Format	Color
R _Y B	255, 198, 228
Decimal	16762596
CIE Lab	85.63, 24.88, -7.04
CIE LCh	86, 25.851, 344.206
Yxy	67.2496, 0.3351, 0.2988
Android (android.graphics.Color)	4294952676 (0xFFFFC6E4)
YUV	218.4630, 4.7017, 32.0429
Hunter-Lab	82.0059, 20.6930, -2.1733

Details

The XYZ color **75.4377, 67.2496, 82.4033** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.6415, 88.9631, 84.5804**, and the grayscale version is **66.9183, 70.4033, 76.6692**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8048, 34.9694, 44.1343** is the 20% darker color. If you saturate the color by 10%, you get **68.4736, 55.9118, 72.0958**, and if you desaturate by 10%, it is **83.5033, 80.6022, 93.6578**.

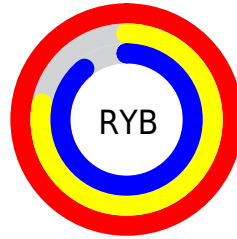
Distribution



Red (100%)

Green (78%)

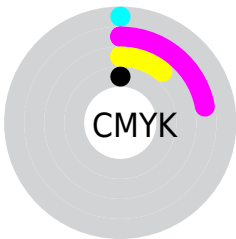
Blue (89%)



Red (100%)

Yellow (78%)

Blue (89%)

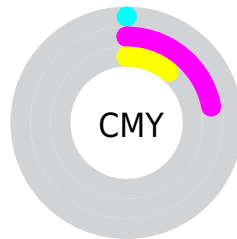


Cyan (0%)

Magenta (22%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (22%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4377, 67.2496, 82.4033 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 75.4377, 67.2496, 82.4033 by changing the saturation by 10% instead.


 75.4377, 67.2496,
82.4033

 75.4377, 67.2496,
82.4033


468.3947,
450.8327, 522.9145

 56.2670, 49.2875,
61.1603


125.9164,
115.2780, 138.5812

 40.6549, 34.8476,
43.9231


157.9550,
146.1131, 174.3531

 28.2360, 23.5455,
30.2733


195.0137,
182.0079, 215.8051

 18.6450, 14.9968,
19.7923

237.4577,
223.3470, 263.3556

 11.5165, 8.8172,
12.0616

285.6525,
270.5145, 317.4233

 6.4852, 4.6221,
6.6626

339.9633,

 3.1857, 2.0273,

323.8951, 378.4267

3.1768

400.7556,
383.8730, 446.7842

■ 1.2527, 0.6233,
1.1856

■ 0.1474, 0.0000,
0.0000

■ 75.4377, 67.2496,
82.4033

■ 75.4377, 67.2496,
82.4033

■ 68.4736, 55.9118,
72.0958

■ 83.5033, 80.6022,
93.6578

■ 62.5548, 46.4813,
62.7023

■ 92.7137, 96.0535,
105.8826

■ 57.6271, 38.8533,
54.1935

95.0500, 100.0000,
108.9000

■ 53.6294, 32.9092,
46.5364

■ 50.4929, 28.5163,
39.6952

■ 48.1391, 25.5214,
33.6303

■ 46.4732, 23.7397,
28.2961

■ 45.5573, 22.9869,
24.6647

Harmonies

Analogous

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



72.1379, 67.2496, 98.9987



75.4377, 67.2496, 82.4033



75.5284, 67.2496, 65.5545

Triad

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



75.4377, 67.2496, 82.4033



61.1817, 67.2496, 46.0850



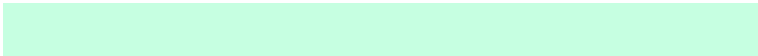
56.1452, 67.2496, 98.2241

Complementary

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



75.4377, 67.2496, 82.4033



72.6415, 88.9631, 84.5804

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.



53.5642, 67.2496, 81.4682



75.4377, 67.2496, 82.4033



56.3488, 67.2496, 52.3620

Square

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



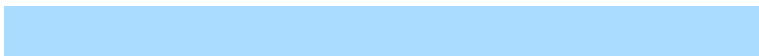
75.4377, 67.2496, 82.4033



67.0485, 67.2496, 46.2559



53.6364, 67.2496, 64.7519



60.8879, 67.2496, 109.0451

Rectangle

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



75.4377, 67.2496, 82.4033



73.7416, 67.2496, 56.4735



53.6364, 67.2496, 64.7519



55.0093, 67.2496, 92.9954

Sweetspot

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



75.4392, 67.2524, 82.4047



88.2859, 88.6026, 100.0763



69.1732, 63.5547, 103.2292



18.7778, 18.7649, 21.2624



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.



75.4392, 67.2524, 82.4047



72.0670, 61.7356, 77.4960



71.8498, 65.8166, 63.5028



18.4088, 18.1468, 20.7699



23.8808, 12.0416, 13.2886



2.3804, 1.1945, 1.5847

Inverse Universe

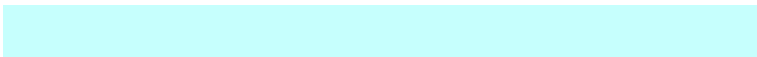
The Inverse Universe completely reimagines the original color for something new.



75.4392, 67.2524, 82.4047



72.0670, 61.7356, 77.4960



76.7959, 90.6248, 106.4570



18.4088, 18.1468, 20.7699



23.8808, 12.0416, 13.2886



2.3804, 1.1945, 1.5847

Previews

White Background



This preview shows how the XYZ color 75.4377, 67.2496, 82.4033 looks on a white background.

Color Contrast Check

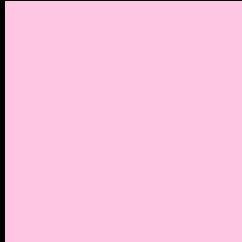
Large Text (above 18pt) WCAG AA × Fail

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 75.4377, 67.2496, 82.4033 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 75.4377, 67.2496, 82.4033

Background



This preview shows how black text looks on a background with the XYZ color 75.4377, 67.2496, 82.4033.



This preview shows how white text looks on a background with the XYZ color 75.4377, 67.2496,

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

75.4377, 67.2496, 82.4033

Protanopia

65.9443, 67.5518, 89.6839

Deuteranopia

68.9165, 67.4257, 81.3337



Tritanopia

73.5570, 67.1491, 74.0499

Trichromacy



Original Color

75.4377, 67.2496, 82.4033

Protanomaly

69.0857, 67.3832, 87.2069

Deuteranomaly

71.0546, 67.0825, 81.8763

Tritanomaly

74.2147, 67.0850, 76.7473

Monochromacy



Original Color

75.4377, 67.2496, 82.4033

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

69.4341, 68.8514, 78.7373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4377, 67.2496, 82.4033 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, 198, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 228)  
}
```

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, 198, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 228) }
```

Border

The CSS property to change the border of an element to XYZ 75.4377, 67.2496, 82.4033 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, 198, 228) }
```


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

```
.border{ border-color:rgb(255, 198, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 198, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 198, 228); box-shadow:4px 4px 4px 4px rgb(255, 198, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4377, 67.2496, 82.4033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 228) }
```

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

```
.background{ background-color: rgb(255,  
198, 228) }
```

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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