

Converting Colors

XYZ(89.2223, 74.3199, 82.5407)

Have a look what the booklet for
XYZ(89.2223, 74.3199, 82.5407)
contains.

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Color

**XYZ(75.2992, 67.1942,
81.6741)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC6E3
RGB	255, 198, 227
RGB Percent	100%, 78%, 89%
CMY	0.0000, 0.2235, 0.1098
CMYK	0.00, 0.22, 0.11, 0.00
HSL	329°, 100%, 89%
HSV	329°, 22%, 100%
XYZ	75.2992, 67.1942, 81.6741
YIQ	218.3490, 24.6630, 21.1030

Conversions

Conversions Part 2

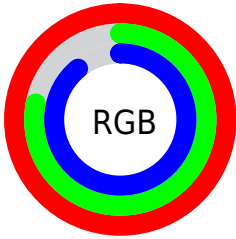
Format	Color
R_{YB}	255, 198, 227
Decimal	16762595
CIE Lab	85.60, 24.71, -6.55
CIE LCh	86, 25.564, 345.166
Yxy	67.1942, 0.3359, 0.2997
Android (android.graphics.Color)	4294952675 (0xFFFFC6E3)
YUV	218.3490, 4.2649, 32.1429
Hunter-Lab	81.9721, 20.5182, -1.6940

Details

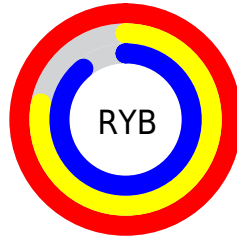
The XYZ color **75.2992, 67.1942, 81.6741** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.7784, 89.0178, 85.3012**, and the grayscale version is **66.8423, 70.3233, 76.5821**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7084, 34.9308, 43.6265** is the 20% darker color. If you saturate the color by 10%, you get **68.2873, 55.8373, 71.1149**, and if you desaturate by 10%, it is **83.4212, 80.5694, 93.2259**.

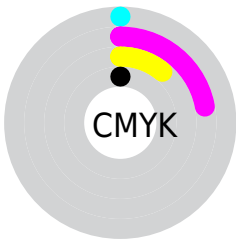
Distribution



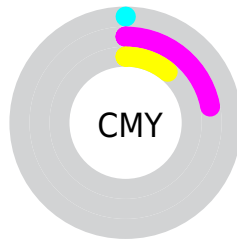
- Red (100%)
- Green (78%)
- Blue (89%)



- 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 75.2992, 67.1942, 81.6741 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 75.2992, 67.1942, 81.6741 by changing the saturation by 10% instead.


 75.2992, 67.1942,
81.6741

 75.2992, 67.1942,
81.6741


467.9267,
450.6357, 520.4117

 56.1531, 49.2425,
60.5627


125.7214,
115.1986, 137.5495

 40.5632, 34.8119,
43.4441

157.7283,
146.0201, 173.1505

 28.1641, 23.5180,
29.8997


194.7527,
181.9003, 214.4185

 18.5905, 14.9764,
19.5111

237.1602,
223.2236, 261.7720

 11.4770, 8.8029,
11.8596

285.3159,
270.3744, 315.6295

 6.4583, 4.6128,
6.5268

339.5853,

 3.1690, 2.0219,

323.7371, 376.4096

3.0940

400.3338,
383.6961, 444.5308

■ 1.2437, 0.6202,
1.1429

■ 0.1405, 0.0000,
0.0000

■ 75.2992, 67.1942,
81.6741

■ 75.2992, 67.1942,
81.6741

■ 68.2873, 55.8373,
71.1149

■ 83.4212, 80.5694,
93.2259

■ 62.3291, 46.3911,
61.5136

■ 92.6970, 96.0468,
105.7947

■ 57.3700, 38.7504,
52.8394

95.0500, 100.0000,
108.9000

■ 53.3486, 32.7969,
45.0577

■ 50.1959, 28.3975,
38.1311

■ 47.8329, 25.3989,
32.0180

■ 46.1645, 23.6163,
26.6710

■ 45.2511, 22.8644,
23.0522

Harmonies

Analogous

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



72.1303, 67.1942, 98.1504



75.2992, 67.1942, 81.6741



75.2805, 67.1942, 65.0993

Triad

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



75.2992, 67.1942, 81.6741



60.9846, 67.1942, 46.3975



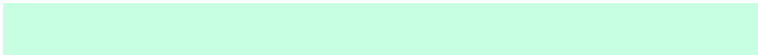
56.3005, 67.1942, 98.3097

Complementary

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



75.2992, 67.1942, 81.6741



72.7784, 89.0178, 85.3012

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.



53.6680, 67.1942, 81.8667



75.2992, 67.1942, 81.6741



56.2585, 67.1942, 52.8232

Square

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



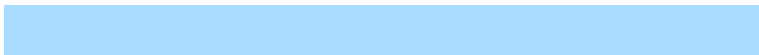
75.2992, 67.1942, 81.6741



66.7726, 67.1942, 46.3622



53.6531, 67.1942, 65.2648



61.0452, 67.1942, 108.7001

Rectangle

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



75.2992, 67.1942, 81.6741



73.4524, 67.1942, 56.2221



53.6531, 67.1942, 65.2648



55.1523, 67.1942, 93.2051

Sweetspot

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



75.3007, 67.1970, 81.6755



88.2377, 88.5833, 99.8225



69.4695, 63.7075, 103.2431



18.7666, 18.7604, 21.2037



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.



75.3007, 67.1970, 81.6755



71.9053, 61.6709, 76.6441



71.7391, 65.7724, 62.9202



18.3950, 18.1413, 20.6974



23.7203, 11.9774, 12.4437



2.3648, 1.1883, 1.5022

Inverse Universe

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



75.3007, 67.1970, 81.6755



71.9053, 61.6709, 76.6441



76.9477, 90.6855, 107.2565



18.3950, 18.1413, 20.6974



23.7203, 11.9774, 12.4437



2.3648, 1.1883, 1.5022

Previews

White Background



This preview shows how the XYZ color 75.2992, 67.1942, 81.6741 looks on a white background.

Color Contrast Check

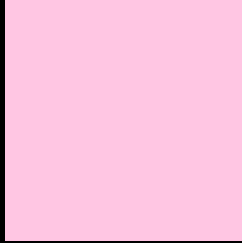
Large Text (above 18pt) WCAG AA × Fail

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 75.2992, 67.1942, 81.6741 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 75.2992, 67.1942, 81.6741

Background



This preview shows how black text looks on a background with the XYZ color 75.2992, 67.1942, 81.6741.



This preview shows how white text looks on a background with the XYZ color 75.2992, 67.1942,

81.6741.

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

75.2992, 67.1942, 81.6741

Protanopia

66.0859, 67.6417, 88.9299

Deuteranopia

68.7796, 67.3710, 80.6130



Tritanopia

73.7931, 67.2857, 73.3881

Trichromacy



Original Color

75.2992, 67.1942, 81.6741



Protanomaly

69.2588, 67.4889, 86.4671



Deuteranomaly

70.9169, 67.0274, 81.1514



Tritanomaly

74.0827, 67.0322, 76.0518

Monochromacy



Original Color

75.2992, 67.1942, 81.6741



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

69.3004, 68.7979, 78.0334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2992, 67.1942, 81.6741 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 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, 198, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 227) }
```

Border

The CSS property to change the border of an element to XYZ 75.2992, 67.1942, 81.6741 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, 227) }
```


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

```
.border{ border-color:rgb(255, 198, 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, 198, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2992, 67.1942, 81.6741 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, 227) }
```

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

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