

Converting Colors

XYZ(74.8698, 66.4223, 81.2631)

Have a look what the booklet for
XYZ(74.8698, 66.4223, 81.2631)
contains.

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Color

**XYZ(74.8451, 66.2859,
81.5227)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4E3
RGB	255, 196, 227
RGB Percent	100%, 77%, 89%
CMY	0.0000, 0.2313, 0.1098
CMYK	0.00, 0.23, 0.11, 0.00
HSL	328°, 100%, 88%
HSV	328°, 23%, 100%
XYZ	74.8451, 66.2859, 81.5227
YIQ	217.1750, 25.2130, 22.1490

Conversions

Conversions Part 2

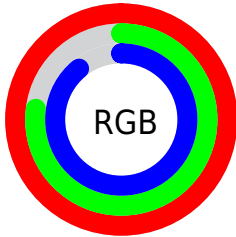
Format	Color
R _Y B	255, 196, 227
Decimal	16762083
CIE Lab	85.14, 25.76, -7.23
CIE LCh	85, 26.757, 344.333
Yxy	66.2859, 0.3362, 0.2977
Android (android.graphics.Color)	4294952163 (0xFFFFC4E3)
YUV	217.1750, 4.8437, 33.1725
Hunter-Lab	81.4162, 21.6151, -2.3763

Details

The XYZ color **74.8451, 66.2859, 81.5227** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.9817, 88.6386, 83.8395**, and the grayscale version is **66.0304, 69.4691, 75.6519**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **40.4081, 34.3303, 43.5264** is the 20% darker color. If you saturate the color by 10%, you get **67.9625, 55.1006, 71.2753**, and if you desaturate by 10%, it is **82.8255, 79.4786, 92.7171**.

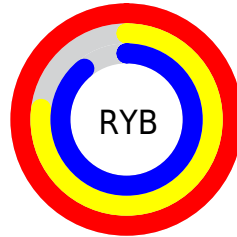
Distribution



Red (100%)

Green (77%)

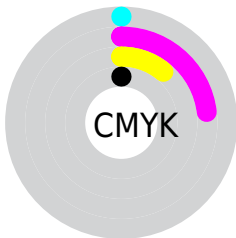
Blue (89%)



Red (100%)

Yellow (77%)

Blue (89%)

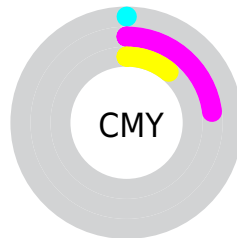


Cyan (0%)

Magenta (23%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8451, 66.2859, 81.5227 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 74.8451, 66.2859, 81.5227 by changing the saturation by 10% instead.

74.8451, 66.2859,
81.5227

74.8451, 66.2859,
81.5227

466.3904,
447.3987, 519.8912

55.7797, 48.5045,
60.4387

125.0822,
113.8966, 137.3351

40.2626, 34.2266,
43.3447

156.9845,
144.4947, 172.9006

27.9285, 23.0677,
29.8223

193.8966,
180.1338, 214.1303

18.4120, 14.6435,
19.4528

236.1838,
221.1983, 261.4428

11.3476, 8.5696,
11.8178

284.2114,
268.0727, 315.2566

6.3702, 4.4615,
6.4987

338.3448,

3.1142, 1.9349,

321.1413, 375.9902

3.0770

398.9494,
380.7885, 444.0623

■ 1.2145, 0.5693,
1.1341

■ 0.1177, 0.0000,
0.0000

■ 74.8451, 66.2859,
81.5227

■ 74.8451, 66.2859,
81.5227

■ 67.9625, 55.1006,
71.2753

■ 82.8255, 79.4786,
92.7171

■ 62.1215, 45.8147,
61.9418

■ 91.9477, 94.7632,
104.8821

■ 57.2675, 38.3225,
53.4925

95.0500, 100.0000,
108.9000

■ 53.3387, 32.5046,
45.8944

■ 50.2658, 28.2269,
39.1112

■ 47.9691, 25.3342,
33.1028

■ 46.3523, 23.6383,
27.8230

■ 45.5414, 22.9806,
24.5809

Harmonies

Analogous

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



71.4620, 66.2859, 98.6414



74.8451, 66.2859, 81.5227



74.9236, 66.2859, 64.2582

Triad

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



74.8451, 66.2859, 81.5227



60.1745, 66.2859, 44.5338



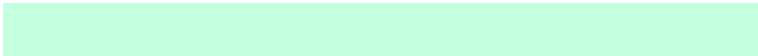
55.0641, 66.2859, 97.9690

Complementary

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



74.8451, 66.2859, 81.5227



71.9817, 88.6386, 83.8395

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.



52.4186, 66.2859, 80.7147



74.8451, 66.2859, 81.5227



55.2389, 66.2859, 50.9230

Square

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



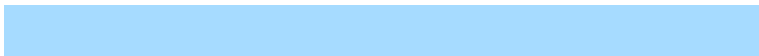
74.8451, 66.2859, 81.5227



66.1876, 66.2859, 44.6791



52.4805, 66.2859, 63.5690



59.9217, 66.2859, 109.1206

Rectangle

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



74.8451, 66.2859, 81.5227



73.0757, 66.2859, 55.0115



52.4805, 66.2859, 63.5690



53.9008, 66.2859, 92.5797

Sweetspot

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



74.8466, 66.2886, 81.5241



88.2834, 88.6016, 100.0633



68.3883, 62.4759, 103.0623



18.7772, 18.7647, 21.2595



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.



74.8466, 66.2886, 81.5241



71.3638, 60.6015, 76.4218



71.1711, 64.8185, 62.1695



18.4081, 18.1466, 20.7662



23.8725, 12.0383, 13.2447



2.3796, 1.1942, 1.5805

Inverse Universe

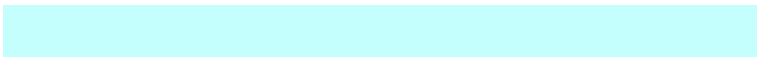
The Inverse Universe completely reimagines the original color for something new.



74.8466, 66.2886, 81.5241



71.3638, 60.6015, 76.4218



76.2615, 90.3505, 106.3765



18.4081, 18.1466, 20.7662



23.8725, 12.0383, 13.2447



2.3796, 1.1942, 1.5805

Previews

White Background



This preview shows how the XYZ color 74.8451, 66.2859, 81.5227 looks on a white background.

Color Contrast Check

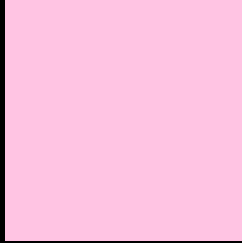
Large Text (above 18pt) WCAG AA × Fail

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 74.8451, 66.2859, 81.5227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

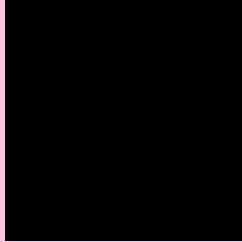
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8451, 66.2859, 81.5227

Background



This preview shows how black text looks on a background with the XYZ color 74.8451, 66.2859, 81.5227.



This preview shows how white text looks on a background with the XYZ color 74.8451, 66.2859,

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

74.8451, 66.2859, 81.5227

Protanopia

65.1587, 66.4046, 89.5039

Deuteranopia

67.8983, 66.5559, 80.5021



Tritanopia

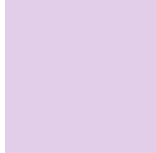
72.8397, 66.1259, 72.5428

Trichromacy



Original Color

74.8451, 66.2859, 81.5227



Protanomaly

68.1433, 66.1946, 86.2761



Deuteranomaly

70.3433, 66.3800, 81.0566



Tritanomaly

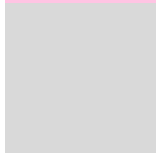
73.6255, 66.1178, 75.8994

Monochromacy



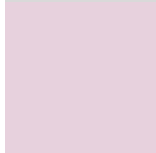
Original Color

74.8451, 66.2859, 81.5227



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

68.8066, 67.8103, 77.8688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8451, 66.2859, 81.5227 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, 196, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 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, 196, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 227) }
```

Border

The CSS property to change the border of an element to XYZ 74.8451, 66.2859, 81.5227 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, 196, 227) }
```


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

```
.border{ border-color:rgb(255, 196, 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, 196, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 196, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 196, 227); box-shadow:4px 4px 4px 4px rgb(255, 196, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8451, 66.2859, 81.5227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 227) }
```

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

```
.background{ background-color: rgb(255,  
196, 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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