

Converting Colors

XYZ(76.0698, 68.5361, 82.5456)

Have a look what the booklet for
XYZ(76.0698, 68.5361, 82.5456)
contains.

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Color

**XYZ(76.1302, 68.6347,
82.6341)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9E4
RGB	255, 201, 228
RGB Percent	100%, 79%, 89%
CMY	0.0000, 0.2117, 0.1059
CMYK	0.00, 0.21, 0.11, 0.00
HSL	330°, 100%, 89%
HSV	330°, 21%, 100%
XYZ	76.1302, 68.6347, 82.6341
YIQ	220.2240, 23.5170, 19.8450

Conversions

Conversions Part 2

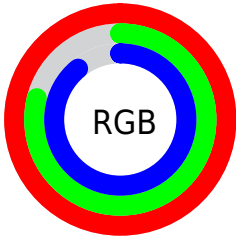
Format	Color
R_{YB}	255, 201, 228
Decimal	16763364
CIE _{Lab}	86.32, 23.30, -6.01
CIE _{LCh}	86, 24.063, 345.534
Yxy	68.6347, 0.3348, 0.3018
Android (android.graphics.Color)	4294953444 (0xFFFFC9E4)
YUV	220.2240, 3.8336, 30.4986
Hunter-Lab	82.8461, 19.0494, -1.1461

Details

The XYZ color **76.1302, 68.6347, 82.6341** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.8532, 89.5400, 86.7927**, and the grayscale version is **68.1479, 71.6969, 78.0779**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2652, 35.8903, 44.2878** is the 20% darker color. If you saturate the color by 10%, you get **68.9666, 57.0365, 71.8331**, and if you desaturate by 10%, it is **84.4143, 82.2644, 94.4546**.

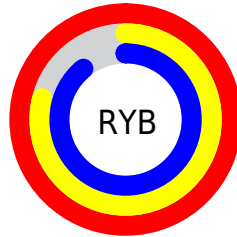
Distribution



Red (100%)

Green (79%)

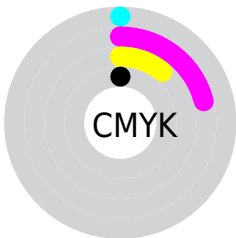
Blue (89%)



Red (100%)

Yellow (79%)

Blue (89%)

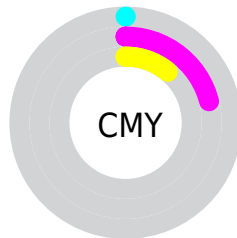


Cyan (0%)

Magenta (21%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.1302, 68.6347, 82.6341 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 76.1302, 68.6347, 82.6341 by changing the saturation by 10% instead.


 76.1302, 68.6347,
82.6341

 76.1302, 68.6347,
82.6341


470.7308,
455.7415, 523.7053

 56.8367, 50.4143,
61.3495


126.8903,
117.2597, 138.9075

 41.1138, 35.7427,
44.0749

159.0876,
148.4330, 174.7334

 28.5961, 24.2355,
30.3918


196.3170,
184.6927, 216.2435

 18.9182, 15.5084,
19.8816

238.9436,
226.4233, 263.8562

 11.7148, 9.1770,
12.1258

287.3330,
274.0090, 317.9903

 6.6206, 4.8568,
6.7058

341.8504,

 3.2702, 2.1635,

327.8344, 379.0641

3.2032

402.8612,
388.2838, 447.4963

■ 1.2982, 0.7000,
1.1993

■ 0.1819, 0.0000,
0.0000

■ 76.1302, 68.6347,
82.6341

■ 76.1302, 68.6347,
82.6341

■ 68.9666, 57.0365,
71.8331

■ 84.4143, 82.2644,
94.4546

■ 62.8672, 47.3626,
62.0162

■ 93.8621, 98.0085,
107.3196

■ 57.7781, 39.5092,
53.1522

95.0500, 100.0000,
108.9000

■ 53.6380, 33.3591,
45.2059

■ 50.3791, 28.7811,
38.1392

■ 47.9235, 25.6249,
31.9103

■ 46.1783, 23.7100,
26.4714

■ 45.1029, 22.8052,
22.2719

Harmonies

Analogous

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



73.1560, 68.6347, 98.2645



76.1302, 68.6347, 82.6341



76.0732, 68.6347, 66.8376

Triad

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



76.1302, 68.6347, 82.6341



62.4173, 68.6347, 48.9708



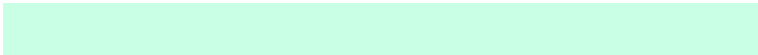
58.0378, 68.6347, 98.7487

Complementary

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



76.1302, 68.6347, 82.6341



73.8532, 89.5400, 86.7927

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.



55.4789, 68.6347, 83.2237



76.1302, 68.6347, 82.6341



57.9078, 68.6347, 55.2920

Square

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



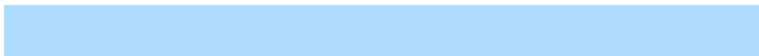
76.1302, 68.6347, 82.6341



67.9392, 68.6347, 48.8596



55.4327, 68.6347, 67.3496



62.6040, 68.6347, 108.4250

Rectangle

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



76.1302, 68.6347, 82.6341



74.3160, 68.6347, 58.3306



55.4327, 68.6347, 67.3496



56.9261, 68.6347, 93.9501

Sweetspot

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



76.1318, 68.6376, 82.6355



89.1543, 90.1407, 100.9787



70.9339, 65.4905, 103.5101



18.9509, 19.0742, 21.4340



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.



76.1318, 68.6376, 82.6355



73.2612, 63.9651, 78.3842



72.6714, 67.2534, 64.4130



18.3882, 18.1386, 20.6612



23.6426, 11.9463, 12.0344



2.3571, 1.1852, 1.4620

Inverse Universe

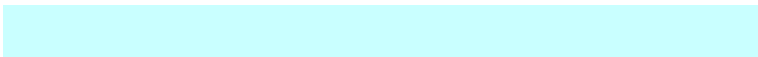
The Inverse Universe completely reimagines the original color for something new.



76.1318, 68.6376, 82.6355



73.2612, 63.9651, 78.3842



77.8990, 91.1583, 108.0973



18.3882, 18.1386, 20.6612



23.6426, 11.9463, 12.0344



2.3571, 1.1852, 1.4620

Previews

White Background



This preview shows how the XYZ color 76.1302, 68.6347, 82.6341 looks on a white background.

Color Contrast Check

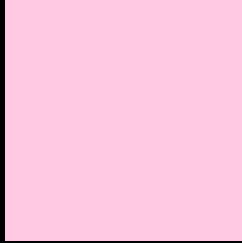
Large Text (above 18pt) WCAG AA × Fail

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 76.1302, 68.6347, 82.6341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

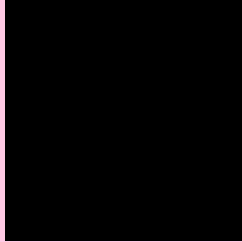
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.1302, 68.6347, 82.6341

Background



This preview shows how black text looks on a background with the XYZ color 76.1302, 68.6347, 82.6341.

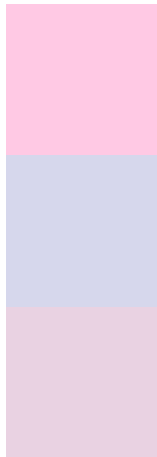


This preview shows how white text looks on a background with the XYZ color 76.1302, 68.6347,

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

76.1302, 68.6347, 82.6341

Protanopia

67.1723, 68.9531, 89.1258

Deuteranopia

70.3783, 68.9078, 81.5427



Tritanopia

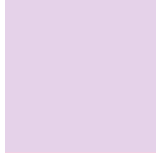
74.8839, 68.8447, 75.6712

Trichromacy



Original Color

76.1302, 68.6347, 82.6341



Protanomaly

70.0677, 68.6344, 86.6456



Deuteranomaly

72.4536, 68.8725, 82.1480



Tritanomaly

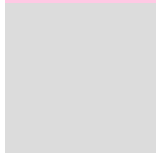
75.1784, 68.5858, 78.3833

Monochromacy



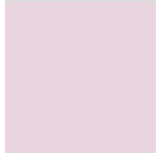
Original Color

76.1302, 68.6347, 82.6341



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

70.7178, 70.2399, 79.6425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1302, 68.6347, 82.6341 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, 201, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 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, 201, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 228) }
```

Border

The CSS property to change the border of an element to XYZ 76.1302, 68.6347, 82.6341 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, 201, 228) }
```


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

```
.border{ border-color:rgb(255, 201, 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, 201, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1302, 68.6347, 82.6341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 228) }
```

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

```
.background{ background-color: rgb(255,  
201, 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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