

Converting Colors

XYZ(77.0528, 67.5328, 92.0273)

Have a look what the booklet for
XYZ(77.0528, 67.5328, 92.0273)
contains.

| | |
|------------------------------------------------|----|
| XYZ(77.0834, 67.5434, 92.1935) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(77.0834, 67.5434,
92.1935)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC5F1 |
| RGB | 255, 197, 241 |
| RGB Percent | 100%, 77%, 95% |
| CMY | 0.0000, 0.2274, 0.0549 |
| CMYK | 0.00, 0.23, 0.05, 0.00 |
| HSL | 314°, 100%, 89% |
| HSV | 314°, 23%, 100% |
| XYZ | 77.0834, 67.5434, 92.1935 |
| YIQ | 219.3580, 20.4440, 25.9800 |

Conversions

Conversions Part 2

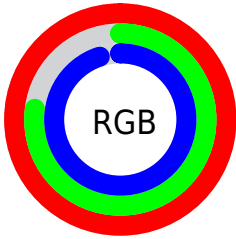
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 255, 197, 241 |
| Decimal | 16762353 |
| CIE _{Lab} | 85.78, 27.58, -13.73 |
| CIE _{LCh} | 86, 30.810, 333.533 |
| Yxy | 67.5434, 0.3255, 0.2852 |
| Android (android.graphics.Color) | 4294952433 (0xFFFFC5F1) |
| YUV | 219.3580, 10.6695, 31.2580 |
| Hunter-Lab | 82.1848, 23.5967, -8.9812 |

Details

The XYZ color **77.0834, 67.5434, 92.1935** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.5460, 88.0945, 74.9169**, and the grayscale version is **67.5002, 71.0155, 77.3359**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **41.8681, 35.1535, 50.4775** is the 20% darker color. If you saturate the color by 10%, you get **70.8718, 56.5666, 85.6637**, and if you desaturate by 10%, it is **84.3085, 80.4968, 99.2162**.

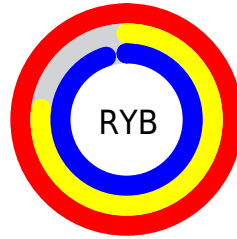
Distribution



Red (100%)

Green (77%)

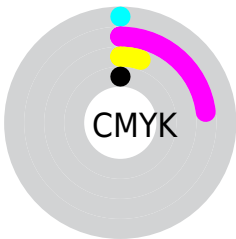
Blue (95%)



Red (100%)

Yellow (77%)

Blue (95%)

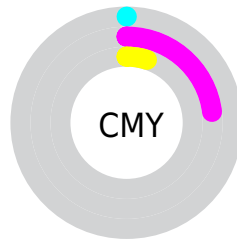


Cyan (0%)

Magenta (23%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0834, 67.5434, 92.1935 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 77.0834, 67.5434, 92.1935 by changing the saturation by 10% instead.

77.0834, 67.5434,
92.1935

77.0834, 67.5434,
92.1935

473.9359,
451.8766, 555.8938

57.6215, 49.5264,
69.2174

128.2294,
115.6987, 152.3436

41.7465, 35.0372,
50.4159

160.6442,
146.6058, 190.3547

29.0931, 23.6915,
35.3705

198.1074,
182.5783, 234.2145

19.2959, 15.1050,
23.6626

240.9843,
224.0006, 284.3416

11.9895, 8.8931,
14.8736

289.6402,
271.2573, 341.1546

6.8087, 4.6715,
8.5851

344.4406,

3.3880, 2.0558,

324.7325, 405.0719

4.3785

405.7507,
384.8108, 476.5121

■ 1.3621, 0.6396,
1.8352

■ 0.2290, 0.0000,
0.4510

■ 77.0834, 67.5434,
92.1935

■ 77.0834, 67.5434,
92.1935

■ 70.8718, 56.5666,
85.6637

■ 84.3085, 80.4968,
99.2162

■ 65.6195, 47.4595,
79.6045

■ 92.5886, 95.5102,
106.7445

■ 61.2742, 40.1177,
73.9980

95.0500, 100.0000,
108.9000

■ 57.7766, 34.4230,
68.8228

■ 55.0603, 30.2431,
64.0552

■ 53.0483, 27.4248,
59.6680

■ 51.6477, 25.7825,
55.6286

■ 50.9156, 25.1302,
52.8811

Harmonies

Analogous

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



71.9636, 67.5434, 110.7892



77.0834, 67.5434, 92.1935



78.6665, 67.5434, 71.1816

Triad

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



77.0834, 67.5434, 92.1935



63.3680, 67.5434, 41.2596



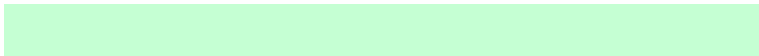
53.5705, 67.5434, 97.0851

Complementary

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



77.0834, 67.5434, 92.1935



70.5460, 88.0945, 74.9169

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.



51.6221, 67.5434, 75.9566



77.0834, 67.5434, 92.1935



57.0121, 67.5434, 45.7487

Square

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



77.0834, 67.5434, 92.1935



70.4167, 67.5434, 44.0310



52.8350, 67.5434, 57.5949



58.3566, 67.5434, 113.9562

Rectangle

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



77.0834, 67.5434, 92.1935



77.4144, 67.5434, 59.1352



52.8350, 67.5434, 57.5949



52.5785, 67.5434, 90.1200

Sweetspot

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



77.0850, 67.5462, 92.1949



88.9316, 88.8609, 103.4765



64.7494, 60.9359, 102.9569



18.9275, 18.8248, 22.0507



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.



77.0850, 67.5462, 92.1949



74.3192, 62.6365, 89.3555



73.1508, 65.9725, 71.4779



18.5942, 18.2210, 21.7461



26.6662, 13.1558, 27.9564



2.6391, 1.2980, 2.9471

Inverse Universe

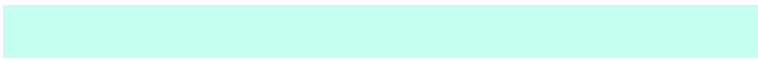
The Inverse Universe completely reimagines the original color for something new.



77.0850, 67.5462, 92.1949



74.3192, 62.6365, 89.3555



74.4467, 89.6548, 95.4577



18.5942, 18.2210, 21.7461



26.6662, 13.1558, 27.9564



2.6391, 1.2980, 2.9471

Previews

White Background



This preview shows how the XYZ color 77.0834, 67.5434, 92.1935 looks on a white background.

Color Contrast Check

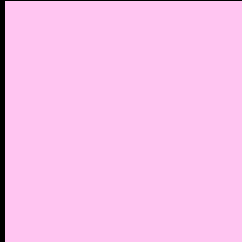
Large Text (above 18pt) WCAG AA × Fail

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 77.0834, 67.5434, 92.1935 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 77.0834, 67.5434, 92.1935

Background



This preview shows how black text looks on a background with the XYZ color 77.0834, 67.5434, 92.1935.



This preview shows how white text looks on a background with the XYZ color 77.0834, 67.5434,

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

77.0834, 67.5434, 92.1935

Protanopia

66.9390, 67.8189, 100.8291

Deuteranopia

69.1209, 67.6802, 91.0819



Tritanopia

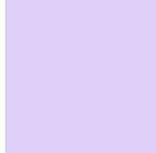
73.5559, 67.4785, 74.7935

Trichromacy



Original Color

77.0834, 67.5434, 92.1935



Protanomaly

69.8418, 67.1883, 97.2833



Deuteranomaly

71.8204, 67.6161, 91.7039



Tritanomaly

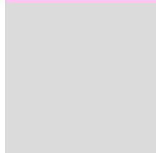
74.8898, 67.6822, 81.0684

Monochromacy



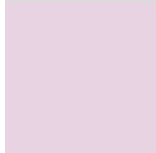
Original Color

77.0834, 67.5434, 92.1935



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

70.4381, 69.2904, 82.3349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0834, 67.5434, 92.1935 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, 197, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 241)  
}
```

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, 197, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 241) }
```

Border

The CSS property to change the border of an element to XYZ 77.0834, 67.5434, 92.1935 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, 197, 241) }
```


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

```
.border{ border-color:rgb(255, 197, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0834, 67.5434, 92.1935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 241) }
```

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

```
.background{ background-color: rgb(255,  
197, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor