

Converting Colors

XYZ(77.8492, 67.1195, 98.4771)

Have a look what the booklet for
XYZ(77.8492, 67.1195, 98.4771)
contains.

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Color

**XYZ(77.8540, 67.1298,
98.4765)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3F9
RGB	255, 195, 249
RGB Percent	100%, 76%, 98%
CMY	0.0000, 0.2353, 0.0235
CMYK	0.00, 0.24, 0.02, 0.00
HSL	306°, 100%, 88%
HSV	306°, 24%, 100%
XYZ	77.8540, 67.1298, 98.4765
YIQ	219.0960, 18.4260, 29.5140

Conversions

Conversions Part 2

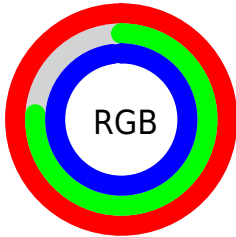
Format	Color
RYB	255, 195, 249
Decimal	16761849
CIELab	85.57, 30.03, -18.29
CIElCh	86, 35.161, 328.647
Yxy	67.1298, 0.3198, 0.2757
Android (android.graphics.Color)	4294951929 (0xFFFFC3F9)
YUV	219.0960, 14.7427, 31.4878
Hunter-Lab	81.9328, 26.2316, -13.9088

Details

The XYZ color **77.8540, 67.1298, 98.4765** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.8104, 87.3401, 68.4929**, and the grayscale version is **67.2920, 70.7964, 77.0973**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **42.3280, 34.8613, 54.3671** is the 20% darker color. If you saturate the color by 10%, you get **72.2262, 56.5061, 94.6525**, and if you desaturate by 10%, it is **84.4658, 79.7122, 102.6569**.

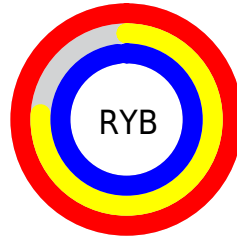
Distribution



Red (100%)

Green (76%)

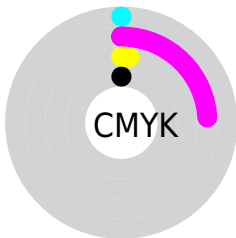
Blue (98%)



Red (100%)

Yellow (76%)

Blue (98%)

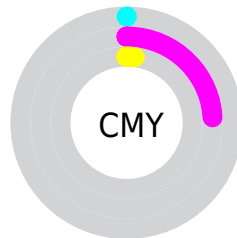


Cyan (0%)

Magenta (24%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.8540, 67.1298, 98.4765 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 77.8540, 67.1298, 98.4765 by changing the saturation by 10% instead.

77.8540, 67.1298,
98.4765

77.8540, 67.1298,
98.4765

476.5183,
450.4067, 576.5020

58.2564, 49.1901,
74.4190

129.3107,
115.1064, 161.0955

42.2589, 34.7703,
54.6382

161.9006,
145.9121, 200.4942

29.4961, 23.4860,
38.7155

199.5520,
181.7752, 245.8436

19.6026, 14.9528,
26.2323

242.6301,
223.0802, 297.5625

12.2131, 8.7863,
16.7702

291.5005,
270.2115, 356.0691

6.9622, 4.6020,
9.9106

346.5284,

3.4846, 2.0157,

323.5534, 421.7823

5.2349

408.0792,
383.4903, 495.1204

■ 1.4149, 0.6166,
2.3246

■ 0.2668, 0.0000,
0.7449

■ 77.8540, 67.1298,
98.4765

■ 77.8540, 67.1298,
98.4765

■ 72.2262, 56.5061,
94.6525

■ 84.4658, 79.7122,
102.6569

■ 67.5283, 47.7340,
91.1641

■ 92.1031, 94.3373,
107.2050

■ 63.7080, 40.7083,
87.9946

95.0500, 100.0000,
108.9000

■ 60.7056, 35.3100,
85.1241

■ 58.4544, 31.4055,
82.5302

■ 56.8768, 28.8398,
80.1870

■ 55.8783, 27.4239,
78.0628

■ 55.4531, 26.9453,
76.7753

Harmonies

Analogous

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



71.4623, 67.1298, 118.9380



77.8540, 67.1298, 98.4765



80.4404, 67.1298, 74.1371

Triad

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



77.8540, 67.1298, 98.4765



64.1684, 67.1298, 37.3221



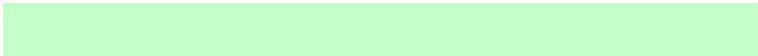
51.2424, 67.1298, 96.2972

Complementary

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



77.8540, 67.1298, 98.4765



68.8104, 87.3401, 68.4929

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.



49.6372, 67.1298, 72.0587



77.8540, 67.1298, 98.4765



56.7149, 67.1298, 40.8638

Square

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



77.8540, 67.1298, 98.4765



72.1423, 67.1298, 41.5731



51.5565, 67.1298, 52.4954



56.1359, 67.1298, 117.5061

Rectangle

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



77.8540, 67.1298, 98.4765



79.5072, 67.1298, 59.9000



51.5565, 67.1298, 52.4954



50.3193, 67.1298, 88.0933

Sweetspot

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



77.8555, 67.1325, 98.4779



89.3316, 89.0208, 105.5828



61.3873, 58.5329, 102.6703



19.0203, 18.8619, 22.5397



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.



77.8555, 67.1325, 98.4779



75.2192, 62.1437, 96.7241



73.6751, 65.4603, 76.4645



18.7098, 18.2672, 22.3547



29.0074, 14.0922, 40.2848



2.8461, 1.3808, 4.0367

Inverse Universe

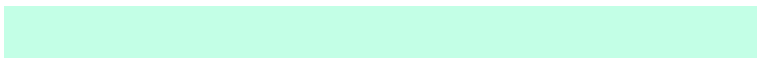
The Inverse Universe completely reimagines the original color for something new.



77.8555, 67.1325, 98.4779



75.2192, 62.1437, 96.7241



72.5505, 88.8362, 88.1880



18.7098, 18.2672, 22.3547



29.0074, 14.0922, 40.2848



2.8461, 1.3808, 4.0367

Previews

White Background



This preview shows how the XYZ color 77.8540, 67.1298, 98.4765 looks on a white background.

Color Contrast Check

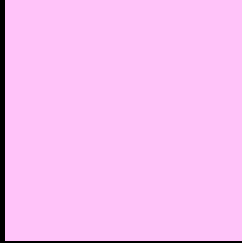
Large Text (above 18pt) WCAG AA × Fail

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 77.8540, 67.1298, 98.4765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

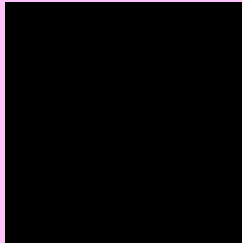
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.8540, 67.1298, 98.4765

Background



This preview shows how black text looks on a background with the XYZ color 77.8540, 67.1298, 98.4765.



This preview shows how white text looks on a background with the XYZ color 77.8540, 67.1298,

98.4765.

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

77.8540, 67.1298, 98.4765

Protanopia

66.7703, 67.2861, 104.0761

Deuteranopia

68.9502, 67.4704, 96.5778



Tritanopia

73.0650, 67.2404, 74.0935

Trichromacy



Original Color

77.8540, 67.1298, 98.4765



Protanomaly

70.2324, 66.9224, 102.1442



Deuteranomaly

71.9856, 67.2248, 97.1773



Tritanomaly

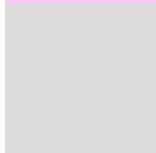
74.5719, 67.1437, 82.4285

Monochromacy



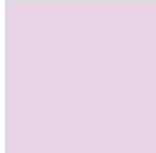
Original Color

77.8540, 67.1298, 98.4765



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

70.6082, 68.9622, 84.4525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8540, 67.1298, 98.4765 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, 195, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 249)  
}
```

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, 195, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 249) }
```

Border

The CSS property to change the border of an element to XYZ 77.8540, 67.1298, 98.4765 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, 195, 249) }
```


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

```
.border{ border-color:rgb(255, 195, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 195, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 195, 249); box-shadow:4px 4px 4px 4px rgb(255, 195, 249) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8540, 67.1298, 98.4765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 249) }
```

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

```
.background{ background-color: rgb(255,  
195, 249) }
```

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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