

Converting Colors

XYZ(103.4307, 81.8891,
96.2510)

Have a look what the booklet for
XYZ(103.4307, 81.8891, 96.2510)
contains.

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Color

**XYZ(77.9926, 68.6385,
94.7259)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7F4
RGB	255, 199, 244
RGB Percent	100%, 78%, 96%
CMY	0.0000, 0.2196, 0.0431
CMYK	0.00, 0.22, 0.04, 0.00
HSL	312°, 100%, 89%
HSV	312°, 22%, 100%
XYZ	77.9926, 68.6385, 94.7259
YIQ	220.8740, 18.9310, 25.8670

Conversions

Conversions Part 2

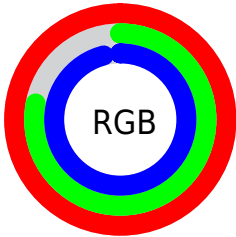
Format	Color
R_{YB}	255, 199, 244
Decimal	16762868
CIE _{Lab}	86.32, 27.05, -14.50
CIE _{LCh}	86, 30.692, 331.798
Yxy	68.6385, 0.3231, 0.2844
Android (android.graphics.Color)	4294952948 (0xFFFFC7F4)
YUV	220.8740, 11.4011, 29.9285
Hunter-Lab	82.8484, 23.0535, -9.7963

Details

The XYZ color **77.9926, 68.6385, 94.7259** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.9481, 88.3163, 74.2831**, and the grayscale version is **68.5536, 72.1237, 78.5427**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.4912, 35.8874, 52.2644** is the 20% darker color. If you saturate the color by 10%, you get **71.8596, 57.5730, 88.9808**, and if you desaturate by 10%, it is **85.1323, 81.6838, 100.9104**.

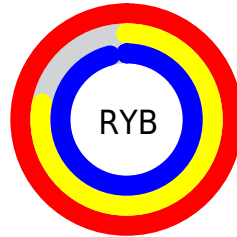
Distribution



Red (100%)

Green (78%)

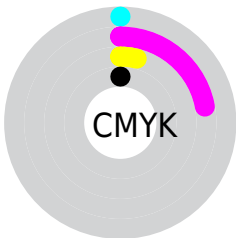
Blue (96%)



Red (100%)

Yellow (78%)

Blue (96%)

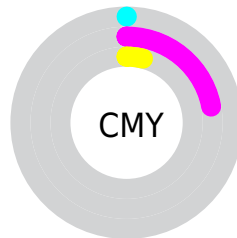


Cyan (0%)

Magenta (22%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.9926, 68.6385, 94.7259 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 77.9926, 68.6385, 94.7259 by changing the saturation by 10% instead.


 77.9926, 68.6385,
94.7259

 77.9926, 68.6385,
94.7259


476.9819,
455.7549, 564.2490

 58.3707, 50.4174,
71.3112


129.5051,
117.2651, 155.8782

 42.3511, 35.7451,
52.1128

162.1264,
148.4393, 194.4529

 29.5686, 24.2374,
36.7122

199.8115,
184.7001, 238.9180

 19.6578, 15.5098,
24.6907

242.9258,
226.4317, 289.6921

 12.2534, 9.1780,
15.6298

291.8346,
274.0186, 347.1937

 6.9899, 4.8575,
9.1111

346.9033,

 3.5021, 2.1639,

327.8452, 411.8414

4.7159

408.4973,
388.2958, 484.0536

■ 1.4245, 0.7002,
2.0258

■ 0.2736, 0.0000,
0.5710

■ 77.9926, 68.6385,
94.7259

■ 77.9926, 68.6385,
94.7259

■ 71.8596, 57.5730,
88.9808

■ 85.1323, 81.6838,
100.9104

■ 66.6797, 48.3812,
83.6536

■ 93.3198, 96.7918,
107.5461

■ 62.4011, 40.9593,
78.7273

95.0500, 100.0000,
108.9000

■ 58.9651, 35.1904,
74.1814

■ 56.3061, 30.9433,
69.9932

■ 54.3482, 28.0668,
66.1366

■ 53.0003, 26.3788,
62.5804

■ 52.2488, 25.6635,
59.9013

Harmonies

Analogous

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



72.6816, 68.6385, 113.0299



77.9926, 68.6385, 94.7259



79.8204, 68.6385, 73.5186

Triad

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



77.9926, 68.6385, 94.7259



64.8125, 68.6385, 42.1358



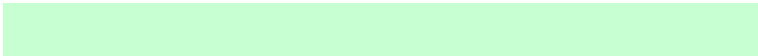
54.3346, 68.6385, 97.2300

Complementary

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



77.9926, 68.6385, 94.7259



70.9481, 88.3163, 74.2831

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.



52.5509, 68.6385, 75.9660



77.9926, 68.6385, 94.7259



58.3223, 68.6385, 46.2448

Square

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



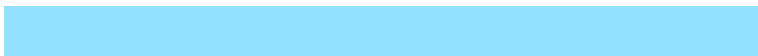
77.9926, 68.6385, 94.7259



71.8892, 68.6385, 45.3619



53.9572, 68.6385, 57.7764



59.0118, 68.6385, 114.6499

Rectangle

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



77.9926, 68.6385, 94.7259



78.7192, 68.6385, 61.1673



53.9572, 68.6385, 57.7764



53.3926, 68.6385, 90.1753

Sweetspot

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



77.9941, 68.6412, 94.7273



89.0582, 88.9115, 104.1432



64.8461, 61.6644, 103.0924



18.9568, 18.8365, 22.2054



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.



77.9941, 68.6412, 94.7273



75.3967, 63.9357, 92.3533



74.1550, 67.1056, 74.5109



18.6307, 18.2356, 21.9384



27.3552, 13.4314, 31.5846



2.7007, 1.3227, 3.2713

Inverse Universe

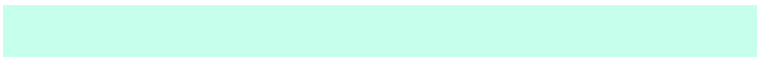
The Inverse Universe completely reimagines the original color for something new.



77.9941, 68.6412, 94.7273



75.3967, 63.9357, 92.3533



74.6400, 89.7930, 93.7244



18.6307, 18.2356, 21.9384



27.3552, 13.4314, 31.5846



2.7007, 1.3227, 3.2713

Previews

White Background



This preview shows how the XYZ color 77.9926, 68.6385, 94.7259 looks on a white background.

Color Contrast Check

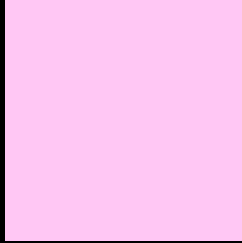
Large Text (above 18pt) WCAG AA × Fail

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 77.9926, 68.6385, 94.7259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

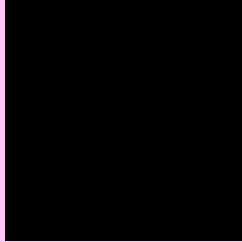
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.9926, 68.6385, 94.7259

Background



This preview shows how black text looks on a background with the XYZ color 77.9926, 68.6385, 94.7259.



This preview shows how white text looks on a background with the XYZ color 77.9926, 68.6385,

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

77.9926, 68.6385, 94.7259

Protanopia

68.2305, 68.8042, 103.4503

Deuteranopia

70.3726, 69.0069, 93.6150



Tritanopia

74.2870, 68.5218, 76.3285

Trichromacy



Original Color

77.9926, 68.6385, 94.7259



Protanomaly

71.4198, 68.6718, 99.9332



Deuteranomaly

73.0826, 68.9296, 94.2469



Tritanomaly

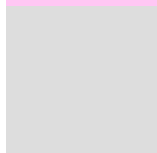
75.6321, 68.7251, 82.6778

Monochromacy



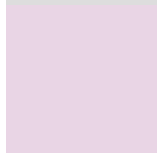
Original Color

77.9926, 68.6385, 94.7259



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

71.5414, 70.5693, 83.9793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9926, 68.6385, 94.7259 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, 199, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 244)  
}
```

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, 199, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 244) }
```

Border

The CSS property to change the border of an element to XYZ 77.9926, 68.6385, 94.7259 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, 199, 244) }
```


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

```
.border{ border-color:rgb(255, 199, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9926, 68.6385, 94.7259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 244) }
```

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

```
.background{ background-color: rgb(255,  
199, 244) }
```

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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