

Converting Colors

XYZ(96.6598, 76.7694, 95.2437)

Have a look what the booklet for XYZ(96.6598, 76.7694, 95.2437) contains.

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Color

**XYZ(77.0842, 66.8219,
94.4231)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3F4
RGB	255, 195, 244
RGB Percent	100%, 76%, 96%
CMY	0.0000, 0.2353, 0.0431
CMYK	0.00, 0.24, 0.04, 0.00
HSL	311°, 100%, 88%
HSV	311°, 24%, 100%
XYZ	77.0842, 66.8219, 94.4231
YIQ	218.5260, 20.0310, 27.9590

Conversions

Conversions Part 2

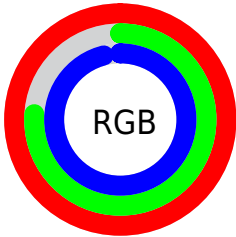
Format	Color
R_{YB}	255, 195, 244
Decimal	16761844
CIE _{Lab}	85.41, 29.15, -15.87
CIE _{LCh}	85, 33.190, 331.433
Yxy	66.8219, 0.3234, 0.2804
Android (android.graphics.Color)	4294951924 (0xFFFFC3F4)
YUV	218.5260, 12.5587, 31.9877
Hunter-Lab	81.7447, 25.2701, -11.2645

Details

The XYZ color **77.0842, 66.8219, 94.4231** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.4084, 87.5794, 71.6419**, and the grayscale version is **66.9114, 70.3960, 76.6613**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **41.8907, 34.6864, 52.0642** is the 20% darker color. If you saturate the color by 10%, you get **71.1505, 56.0759, 88.9880**, and if you desaturate by 10%, it is **84.0146, 79.5318, 100.2811**.

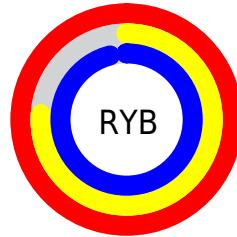
Distribution



Red (100%)

Green (76%)

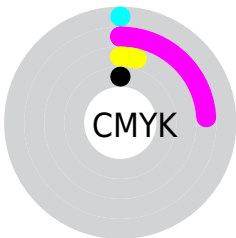
Blue (96%)



Red (100%)

Yellow (76%)

Blue (96%)

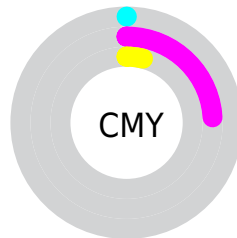


Cyan (0%)

Magenta (24%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0842, 66.8219, 94.4231 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 77.0842, 66.8219, 94.4231 by changing the saturation by 10% instead.

77.0842, 66.8219,
94.4231

77.0842, 66.8219,
94.4231

473.9386,
449.3106, 563.2535

57.6221, 48.9399,
71.0607

128.2305,
114.6652, 155.4561

41.7470, 34.5718,
51.9096

160.6455,
145.3952, 193.9637

29.0935, 23.3332,
36.5513

198.1089,
181.1768, 238.3568

19.2962, 14.8398,
24.5672

240.9860,
222.3942, 289.0539

11.9898, 8.7070,
15.5388

289.6421,
269.4319, 346.4736

6.8089, 4.5506,
9.0476


344.4427,


3.3881, 1.9861,


322.6743, 411.0345


4.6750


405.7531,
382.5057, 483.1549


 1.3622, 0.5994,
2.0025


 0.2290, 0.0000,
0.5568


 77.0842, 66.8219,
94.4231


 77.0842, 66.8219,
94.4231

 71.1505, 56.0759,
88.9880


 84.0146, 79.5318,
100.2811

 66.1592, 47.1864,
83.9543

 91.9832, 94.2894,
106.5737

 62.0578, 40.0482,
79.3048

95.0500, 100.0000,
108.9000

 58.7867, 34.5425,
75.0189

■ 56.2788, 30.5353,
71.0737

■ 54.4566, 27.8717,
67.4425

■ 53.2255, 26.3628,
64.0932

■ 52.6560, 25.8264,
62.0459

Harmonies

Analogous

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



71.3595, 66.8219, 114.1452



77.0842, 66.8219, 94.4231



79.1004, 66.8219, 71.7265

Triad

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



77.0842, 66.8219, 94.4231



63.1511, 66.8219, 38.7006



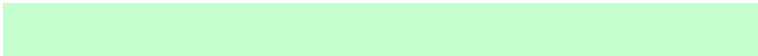
51.9506, 66.8219, 96.5744

Complementary

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



77.0842, 66.8219, 94.4231



69.4084, 87.5794, 71.6419

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.



50.1196, 66.8219, 73.7987



77.0842, 66.8219, 94.4231



56.2624, 66.8219, 42.8219

Square

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



77.0842, 66.8219, 94.4231



70.6844, 66.8219, 42.0983



51.6348, 66.8219, 54.6891



56.8424, 66.8219, 115.5499

Rectangle

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



77.0842, 66.8219, 94.4231



77.9531, 66.8219, 58.6435



51.6348, 66.8219, 54.6891



50.9749, 66.8219, 88.9722

Sweetspot

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



77.0858, 66.8246, 94.4245



89.0952, 88.9263, 104.3379



62.7447, 59.2327, 102.7338



18.9654, 18.8399, 22.2506



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.



77.0858, 66.8246, 94.4245



74.3110, 61.7804, 91.9419



73.0227, 65.1994, 73.0287



18.6414, 18.2399, 21.9947



27.5655, 13.5155, 32.6918



2.7194, 1.3301, 3.3696

Inverse Universe

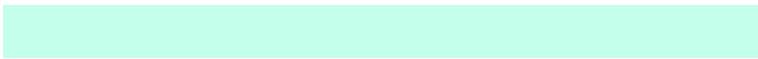
The Inverse Universe completely reimagines the original color for something new.



77.0858, 66.8246, 94.4245



74.3110, 61.7804, 91.9419



73.2629, 89.1212, 91.9395



18.6414, 18.2399, 21.9947



27.5655, 13.5155, 32.6918



2.7194, 1.3301, 3.3696

Previews

White Background



This preview shows how the XYZ color 77.0842, 66.8219, 94.4231 looks on a white background.

Color Contrast Check

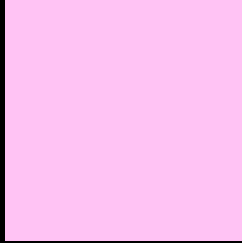
Large Text (above 18pt) WCAG AA × Fail

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 77.0842, 66.8219, 94.4231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

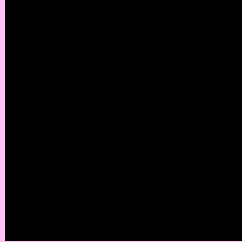
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.0842, 66.8219, 94.4231

Background



This preview shows how black text looks on a background with the XYZ color 77.0842, 66.8219, 94.4231.



This preview shows how white text looks on a background with the XYZ color 77.0842, 66.8219,

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

77.0842, 66.8219, 94.4231

Protanopia

66.7703, 67.2861, 104.0761

Deuteranopia

68.4017, 66.8947, 93.3112



Tritanopia

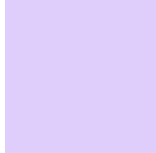
72.8326, 66.7757, 74.0160

Trichromacy



Original Color

77.0842, 66.8219, 94.4231



Protanomaly

69.9153, 66.7956, 100.4747



Deuteranomaly

71.1379, 66.5066, 93.8817



Tritanomaly

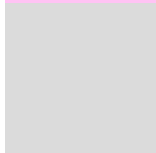
74.0664, 66.5746, 80.8980

Monochromacy



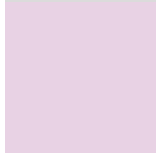
Original Color

77.0842, 66.8219, 94.4231



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

70.3289, 68.8504, 82.9815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0842, 66.8219, 94.4231 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 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, 195, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 244) }
```

Border

The CSS property to change the border of an element to XYZ 77.0842, 66.8219, 94.4231 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, 244) }
```


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

```
.border{ border-color:rgb(255, 195, 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, 195, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0842, 66.8219, 94.4231 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, 244) }
```

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

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