

Converting Colors

XYZ(78.7697, 66.0492,
120.3446)

Have a look what the booklet for
XYZ(78.7697, 66.0492, 120.3446)
contains.

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Color

**XYZ(75.6110, 64.8757,
103.1449)**

Conversions

Conversions Part 1

Format	Color
Hex	F8C0FF
RGB	248, 192, 255
RGB Percent	97%, 75%, 100%
CMY	0.0274, 0.2470, 0.0000
CMYK	0.03, 0.25, 0.00, 0.00
HSL	293°, 100%, 88%
HSV	293°, 25%, 100%
XYZ	75.6110, 64.8757, 103.1449
YIQ	215.9260, 13.1530, 31.4650

Conversions

Conversions Part 2

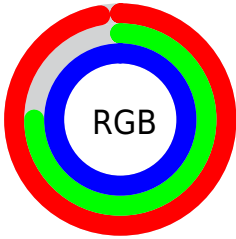
Format	Color
R_{YB}	248, 192, 255
Decimal	16302335
CIE _{Lab}	84.42, 30.45, -23.29
CIE _{LCh}	84, 38.330, 322.590
Yxy	64.8757, 0.3103, 0.2663
Android (android.graphics.Color)	4294492415 (0xFFF8C0FF)
YUV	215.9260, 19.2635, 28.1289
Hunter-Lab	80.5455, 26.6100, -19.5438

Details

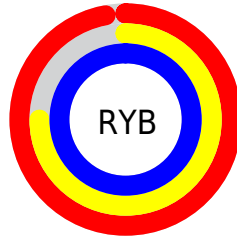
The XYZ color **75.6110, 64.8757, 103.1449** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.8292, 87.4686, 63.1278**, and the grayscale version is **65.0882, 68.4779, 74.5724**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **40.7674, 33.3305, 57.7108** is the 20% darker color. If you saturate the color by 10%, you get **69.4934, 54.1194, 101.3911**, and if you desaturate by 10%, it is **82.7174, 77.5852, 105.2235**.

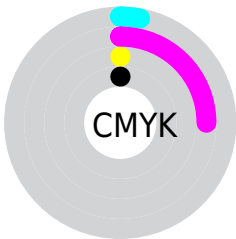
Distribution



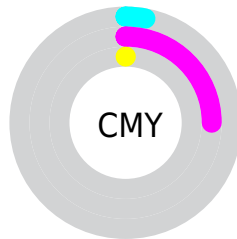
- Red (97%)
- Green (75%)
- Blue (100%)



- Red (97%)
- Yellow (75%)
- Blue (100%)



- Cyan (3%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6110, 64.8757, 103.1449 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 75.6110, 64.8757, 103.1449 by changing the saturation by 10% instead.


 75.6110, 64.8757,
103.1449

 75.6110, 64.8757,
103.1449


468.9799,
442.3452, 591.5617

 56.4095, 47.3603,
78.2981


 126.1602,
111.8711, 167.5618

 40.7696, 33.3206,
57.8010

158.2386,
142.1200, 207.9689

 28.3260, 22.3721,
41.2350


195.3400,
177.3820, 254.3999

 18.7133, 14.1306,
28.1817

237.8298,
218.0418, 307.2733

 11.5660, 8.2116,
18.2224

286.0734,
264.4836, 367.0077

 6.5190, 4.2306,
10.9387

340.4360,

 3.2068, 1.8034,

317.0918, 434.0215

5.9120

401.2830,
376.2509, 508.7333

■ 1.2640, 0.4893,
2.7237

■ 0.1561, 0.0000,
0.9553

■ 75.6110, 64.8757,
103.1449

■ 75.6110, 64.8757,
103.1449

■ 69.4934, 54.1194,
101.3911

■ 82.7174, 77.5852,
105.2235

■ 64.3090, 45.2081,
99.9443

■ 90.8537, 92.3326,
107.6412

■ 60.0052, 38.0355,
98.7867

95.0500, 100.0000,
108.9000

■ 56.5216, 32.4810,
97.8982

■ 53.7903, 28.4089,
97.2562

■ 51.7321, 25.6610,
96.8342

■ 50.2498, 24.0430,
96.6000

■ 49.6249, 23.4975,
96.5277

Harmonies

Analogous

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



68.1716, 64.8757, 123.4107



75.6110, 64.8757, 103.1449



79.3752, 64.8757, 76.8632

Triad

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



75.6110, 64.8757, 103.1449



63.7992, 64.8757, 33.5816



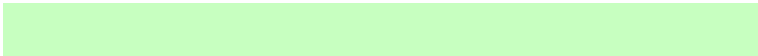
47.7408, 64.8757, 90.2366

Complementary

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



75.6110, 64.8757, 103.1449



68.8292, 87.4686, 63.1278

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.



46.8026, 64.8757, 64.7595



75.6110, 64.8757, 103.1449



55.5813, 64.8757, 35.5737

Square

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



75.6110, 64.8757, 103.1449



72.1592, 64.8757, 39.5424



49.5443, 64.8757, 45.7988



52.2364, 64.8757, 114.8408

Rectangle

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



75.6110, 64.8757, 103.1449



79.0713, 64.8757, 60.8977



49.5443, 64.8757, 45.7988



47.0169, 64.8757, 81.3665

Sweetspot

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



75.6128, 64.8784, 103.1453



88.8918, 88.7611, 107.0552



60.2948, 59.4375, 102.9024



18.9181, 18.8015, 22.8819



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.



75.6128, 64.8784, 103.1453



72.2522, 58.9437, 102.1769



74.4937, 64.7228, 84.0583



18.5822, 18.1919, 22.7819



26.0098, 12.3190, 50.4415



2.5868, 1.2274, 4.9139

Inverse Universe

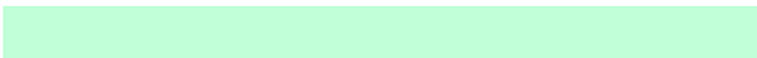
The Inverse Universe completely reimagines the original color for something new.



70.4001, 63.0854, 62.5013



66.2296, 56.8879, 54.5028



69.9141, 87.6930, 78.3113



18.0914, 18.0199, 19.0985



21.6864, 11.1639, 1.7334



2.1369, 1.0971, 0.3025

Previews

White Background



This preview shows how the XYZ color 75.6110, 64.8757, 103.1449 looks on a white background.

Color Contrast Check

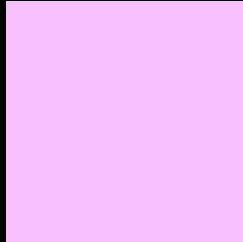
Large Text (above 18pt) WCAG AA × Fail

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 75.6110, 64.8757, 103.1449 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 75.6110, 64.8757, 103.1449

Background



This preview shows how black text looks on a background with the XYZ color 75.6110, 64.8757, 103.1449.

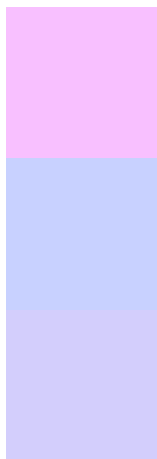


This preview shows how white text looks on a background with the XYZ color 75.6110, 64.8757,

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

75.6110, 64.8757, 103.1449

Protanopia

64.6699, 65.1003, 103.7649

Deuteranopia

66.5060, 65.0198, 101.1403



Tritanopia

69.3071, 64.6304, 73.1120

Trichromacy



Original Color

75.6110, 64.8757, 103.1449



Protanomaly

68.0212, 64.6836, 103.5078



Deuteranomaly

69.3567, 64.7124, 101.7638



Tritanomaly

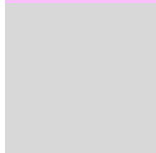
71.3311, 64.4261, 83.5388

Monochromacy



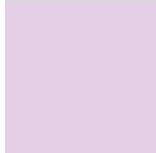
Original Color

75.6110, 64.8757, 103.1449



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

68.5907, 66.8328, 84.1478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6110, 64.8757, 103.1449 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(248, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 192, 255)  
}
```

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(248, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 192, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.6110, 64.8757, 103.1449 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(248, 192, 255) }
```


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

```
.border{ border-color:rgb(248, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 192,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6110, 64.8757, 103.1449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 192, 255) }
```

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

```
.background{ background-color: rgb(248,  
192, 255) }
```

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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