

Converting Colors

XYZ(77.5468, 65.7914,
100.6058)

Have a look what the booklet for
XYZ(77.5468, 65.7914, 100.6058)
contains.

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Color

**XYZ(77.6603, 65.9875,
100.7392)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0FC
RGB	255, 192, 252
RGB Percent	100%, 75%, 99%
CMY	0.0000, 0.2470, 0.0118
CMYK	0.00, 0.25, 0.01, 0.00
HSL	303°, 100%, 88%
HSV	303°, 25%, 100%
XYZ	77.6603, 65.9875, 100.7392
YIQ	217.6770, 18.2880, 32.0160

Conversions

Conversions Part 2

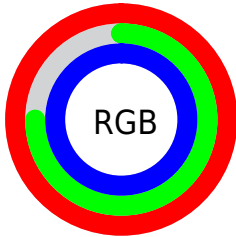
Format	Color
R _Y B	255, 192, 252
Decimal	16761084
CIE Lab	84.99, 32.14, -20.76
CIE LCh	85, 38.260, 327.133
Yxy	65.9875, 0.3178, 0.2700
Android (android.graphics.Color)	4294951164 (0xFFFFC0FC)
YUV	217.6770, 16.9212, 32.7323
Hunter-Lab	81.2327, 28.4929, -16.6645

Details

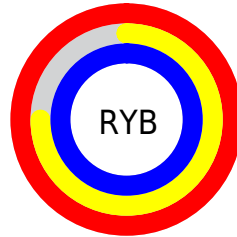
The XYZ color **77.6603, 65.9875, 100.7392** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.3505, 86.6675, 64.8112**, and the grayscale version is **66.2980, 69.7506, 75.9584**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **42.2275, 34.1229, 55.9905** is the 20% darker color. If you saturate the color by 10%, you get **72.3474, 55.6683, 98.0230**, and if you desaturate by 10%, it is **83.9473, 78.2523, 103.7880**.

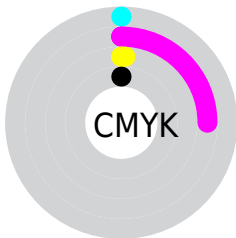
Distribution



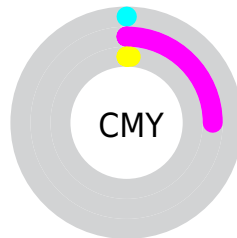
- Red (100%)
- Green (75%)
- Blue (99%)



- Red (100%)
- Yellow (75%)
- Blue (99%)



- Cyan (0%)
- Magenta (25%)
- Yellow (1%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.6603, 65.9875, 100.7392 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 77.6603, 65.9875, 100.7392 by changing the saturation by 10% instead.

77.6603, 65.9875,
100.7392

77.6603, 65.9875,
100.7392

475.8699,
446.3322, 583.8269

58.0968, 48.2623,
76.2977

129.0390,
113.4684, 164.2334

42.1300, 34.0346,
56.1685

161.5850,
143.9928, 204.1231

29.3947, 22.9202,
39.9332

199.1891,
179.5525, 249.9994

19.5254, 14.5346,
27.1730

242.2168,
220.5317, 302.2806

12.1568, 8.4934,
17.4696

291.0333,
267.3148, 361.3855

6.9235, 4.4123,
10.4044

346.0041,

3.4602, 1.9067,

320.2864, 427.7325

5.5588

407.4945,
379.8307, 501.7401

■ 1.4015, 0.5524,
2.5143

■ 0.2573, 0.0000,
0.8477

■ 77.6603, 65.9875,
100.7392

■ 77.6603, 65.9875,
100.7392

■ 72.3474, 55.6683,
98.0230

■ 83.9473, 78.2523,
103.7880

■ 67.9542, 47.1868,
95.6185

■ 91.2505, 92.5478,
107.1806

■ 64.4277, 40.4367,
93.5089

95.0500, 100.0000,
108.9000

■ 61.7076, 35.2977,
91.6742

■ 59.7261, 31.6337,
90.0917

■ 58.4041, 29.2867,
88.7351

■ 57.6443, 28.0625,
87.5718

■ 57.3966, 27.7227,
87.0097

Harmonies

Analogous

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



70.5676, 65.9875, 122.7792



77.6603, 65.9875, 100.7392



80.7284, 65.9875, 74.2443

Triad

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



77.6603, 65.9875, 100.7392



63.5500, 65.9875, 34.1675



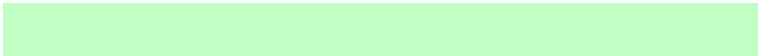
49.1227, 65.9875, 95.6860

Complementary

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



77.6603, 65.9875, 100.7392



67.3505, 86.6675, 64.8112

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.



47.6097, 65.9875, 69.5061



77.6603, 65.9875, 100.7392



55.4753, 65.9875, 37.4041

Square

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



77.6603, 65.9875, 100.7392



72.1288, 65.9875, 38.9582



49.8289, 65.9875, 49.0891



54.1656, 65.9875, 119.4242

Rectangle

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



77.6603, 65.9875, 100.7392



79.8874, 65.9875, 58.7803



49.8289, 65.9875, 49.0891



48.2056, 65.9875, 86.7244

Sweetspot

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



77.6617, 65.9901, 100.7406



89.4811, 89.0807, 106.3703



59.1761, 56.4050, 102.3761



19.0551, 18.8758, 22.7227



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.



77.6617, 65.9901, 100.7406



74.7292, 60.2878, 99.2612



73.1958, 64.2037, 77.2232



18.7531, 18.2846, 22.5830



30.0073, 14.4922, 45.5506



2.9328, 1.4155, 4.4934

Inverse Universe

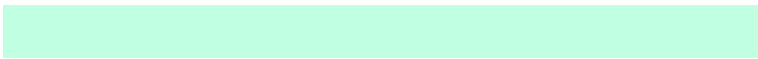
The Inverse Universe completely reimagines the original color for something new.



77.6617, 65.9901, 100.7406



74.7292, 60.2878, 99.2612



71.1726, 88.1964, 84.9384



18.7531, 18.2846, 22.5830



30.0073, 14.4922, 45.5506



2.9328, 1.4155, 4.4934

Previews

White Background



This preview shows how the XYZ color 77.6603, 65.9875, 100.7392 looks on a white background.

Color Contrast Check

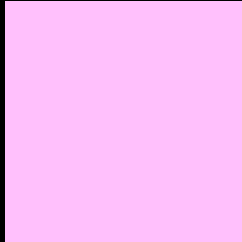
Large Text (above 18pt) WCAG AA × Fail

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 77.6603, 65.9875, 100.7392 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 77.6603, 65.9875, 100.7392

Background



This preview shows how black text looks on a background with the XYZ color 77.6603, 65.9875, 100.7392.

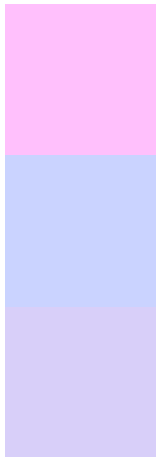


This preview shows how white text looks on a background with the XYZ color 77.6603, 65.9875,

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

77.6603, 65.9875, 100.7392

Protanopia

65.7014, 66.3651, 103.9546

Deuteranopia

67.7306, 66.0641, 98.8044



Tritanopia

71.9854, 66.0259, 72.5686

Trichromacy



Original Color

77.6603, 65.9875, 100.7392



Protanomaly

69.3011, 65.7136, 102.7974



Deuteranomaly

71.0090, 65.9662, 99.4326



Tritanomaly

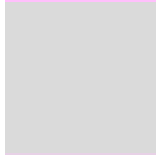
73.8884, 65.7767, 82.2006

Monochromacy



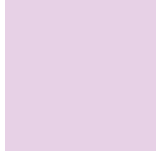
Original Color

77.6603, 65.9875, 100.7392



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

70.0384, 68.3030, 84.3553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6603, 65.9875, 100.7392 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, 192, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 252)  
}
```

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, 192, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 252) }
```

Border

The CSS property to change the border of an element to XYZ 77.6603, 65.9875, 100.7392 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, 192, 252) }
```


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

```
.border{ border-color:rgb(255, 192, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6603, 65.9875, 100.7392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 252) }
```

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

```
.background{ background-color: rgb(255,  
192, 252) }
```

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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