

Converting Colors

XYZ(77.6120, 65.9258,
102.4002)

Have a look what the booklet for
XYZ(77.6120, 65.9258, 102.4002)
contains.

XYZ(77.6121, 65.9259, 102.4003)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(77.6121, 65.9259,
102.4003)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>FEC0FE</code>
RGB	254, 192, 254
RGB Percent	100%, 75%, 100%
CMY	0.0039, 0.2470, 0.0039
CMYK	0.00, 0.24, 0.00, 0.00
HSL	300°, 97%, 87%
HSV	300°, 24%, 100%
XYZ	77.6121, 65.9259, 102.4003
YIQ	217.6060, 17.0500, 32.4260

Conversions

Conversions Part 2

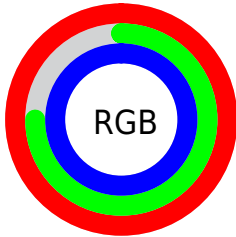
Format	Color
R_{YB}	254, 192, 254
Decimal	16695550
CIE _{Lab}	84.96, 32.17, -21.88
CIE _{LCh}	85, 38.911, 325.779
Yxy	65.9259, 0.3156, 0.2681
Android (android.graphics.Color)	4294885630 (0xFFFE0FE)
YUV	217.6060, 17.9422, 31.9175
Hunter-Lab	81.1948, 28.5330, -17.9384

Details

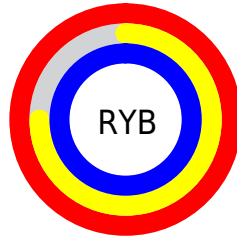
The XYZ color **77.6121, 65.9259, 102.4003** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.6972, 85.8979, 62.9375**, and the grayscale version is **66.2434, 69.6932, 75.8959**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **42.1925, 34.0785, 57.1773** is the 20% darker color. If you saturate the color by 10%, you get **72.5098, 55.7201, 100.7001**, and if you desaturate by 10%, it is **83.6809, 78.0622, 104.4241**.

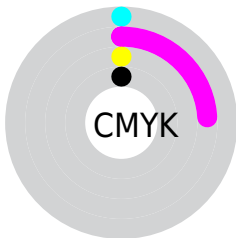
Distribution



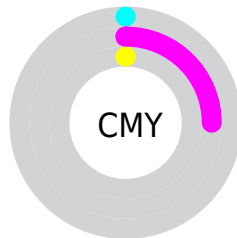
- Red (100%)
- Green (75%)
- Blue (100%)



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



- Cyan (0%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.6121, 65.9259, 102.4003 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 77.6121, 65.9259, 102.4003 by changing the saturation by 10% instead.

77.6121, 65.9259,
102.4003

77.6121, 65.9259,
102.4003

475.7085,
446.1118, 589.1734

58.0571, 48.2123,
77.6786

128.9714,
113.3800, 166.5324

42.0980, 33.9950,
57.2951

161.5064,
143.8892, 206.7799

29.3694, 22.8898,
40.8313

199.0988,
179.4324, 253.0398

19.5062, 14.5121,
27.8686

242.1139,
220.3939, 305.7306

12.1428, 8.4777,
17.9884

290.9170,
267.1583, 365.2708

6.9139, 4.4021,
10.7723

345.8736,

3.4541, 1.9009,

320.1098, 432.0790

5.8017

407.3490,
379.6328, 506.5737

■ 1.3982, 0.5489,
2.6581

■ 0.2550, 0.0000,
0.9222

■ 77.6121, 65.9259,
102.4003

■ 77.6121, 65.9259,
102.4003

■ 72.5098, 55.7201,
100.7001

■ 83.6809, 78.0622,
104.4241

■ 68.3184, 47.3373,
99.3028

■ 90.7559, 92.2122,
106.7826

■ 64.9861, 40.6729,
98.1919

94.5233, 99.7470,
108.0386

■ 62.4535, 35.6078,
97.3475

94.5234, 99.7470,
108.0388

60.6536, 32.0081, 94.5234, 99.7470,
96.7474 108.0390

59.5086, 29.7180, 94.5234, 99.7471,
96.3655 108.0392

58.9228, 28.5465, 94.5235, 99.7471,
96.1701 108.0393

58.7630, 28.2269, 94.5235, 99.7471,
96.1167 108.0395

94.5235, 99.7471,
108.0397

Harmonies

Analogous

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



70.2587, 65.9259, 124.4405



77.6121, 65.9259, 102.4003



80.9628, 65.9259, 75.3837

Triad

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



77.6121, 65.9259, 102.4003



63.9059, 65.9259, 33.6815



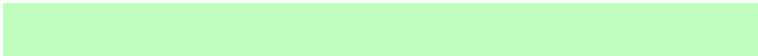
48.7109, 65.9259, 94.8190

Complementary

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



77.6121, 65.9259, 102.4003



66.6972, 85.8979, 62.9375

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.



47.3480, 65.9259, 68.2971



77.6121, 65.9259, 102.4003



55.6311, 65.9259, 36.5747

Square

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



77.6121, 65.9259, 102.4003



72.5967, 65.9259, 38.8817



49.7643, 65.9259, 47.9706



53.6751, 65.9259, 119.3974

Rectangle

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



77.6121, 65.9259, 102.4003



80.2674, 65.9259, 59.4714



49.7643, 65.9259, 47.9706



47.8374, 65.9259, 85.6843

Sweetspot

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



77.6141, 65.9288, 102.4017



89.6176, 89.1353, 107.0891



58.4802, 56.0649, 101.5067



19.0868, 18.8885, 22.8898



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.



77.6141, 65.9288, 102.4017



75.8239, 61.5480, 102.4908



73.0443, 64.1009, 78.3375



18.7928, 18.3004, 22.7918



30.9801, 14.8813, 50.6732



3.0164, 1.4489, 4.9339

Inverse Universe

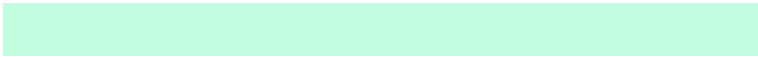
The Inverse Universe completely reimagines the original color for something new.



77.6141, 65.9288, 102.4017



75.8239, 61.5480, 102.4908



70.5018, 87.4198, 82.9725



18.7928, 18.3004, 22.7918



30.9801, 14.8813, 50.6732



3.0164, 1.4489, 4.9339

Previews

White Background



This preview shows how the XYZ color 77.6121, 65.9259, 102.4003 looks on a white background.

Color Contrast Check

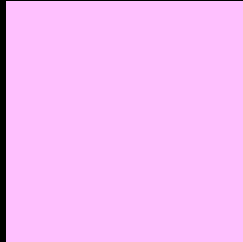
Large Text (above 18pt) WCAG AA × Fail

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 77.6121, 65.9259, 102.4003 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 77.6121, 65.9259, 102.4003

Background



This preview shows how black text looks on a background with the XYZ color 77.6121, 65.9259, 102.4003.



This preview shows how white text looks on a background with the XYZ color 77.6121, 65.9259,

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

77.6121, 65.9259, 102.4003

Protanopia

65.7014, 66.3651, 103.9546

Deuteranopia

67.4570, 65.8868, 100.4289



Tritanopia

71.7561, 65.8929, 73.2266

Trichromacy



Original Color

77.6121, 65.9259, 102.4003



Protanomaly

69.4617, 65.7779, 103.6431



Deuteranomaly

71.0043, 65.9273, 101.0784



Tritanomaly

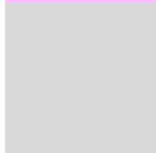
73.6664, 65.6462, 82.9171

Monochromacy



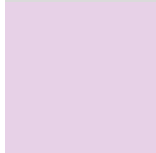
Original Color

77.6121, 65.9259, 102.4003



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

70.1793, 68.3594, 85.0971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6121, 65.9259, 102.4003 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(254, 192, 254)` looks like.

```
.text, #text, p{  
    color:rgb(254, 192, 254)  
}
```

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(254, 192, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 192, 254) }
```

Border

The CSS property to change the border of an element to XYZ 77.6121, 65.9259, 102.4003 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(254, 192, 254) }
```


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

```
.border{ border-color:rgb(254, 192, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 192, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 192, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 192, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 192,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6121, 65.9259, 102.4003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 192, 254) }
```

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

```
.background{ background-color: rgb(254,  
192, 254) }
```

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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