

Converting Colors

XYZ(122.2920, 83.7455,
338.0930)

Have a look what the booklet for
XYZ(122.2920, 83.7455, 338.0930)
contains.

XYZ(77.7727, 65.9901, 103.2460)	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(77.7727, 65.9901,
103.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC0FF
RGB	254, 192, 255
RGB Percent	100%, 75%, 100%
CMY	0.0039, 0.2470, 0.0000
CMYK	0.00, 0.25, 0.00, 0.00
HSL	299°, 100%, 88%
HSV	299°, 25%, 100%
XYZ	77.7727, 65.9901, 103.2460
YIQ	217.7200, 16.7290, 32.7370

Conversions

Conversions Part 2

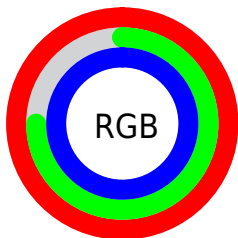
Format	Color
R_{YB}	254, 192, 255
Decimal	16695551
CIE _{Lab}	84.99, 32.36, -22.36
CIE _{LCh}	85, 39.332, 325.347
Yxy	65.9901, 0.3149, 0.2672
Android (android.graphics.Color)	4294885631 (0xFFFE00FF)
YUV	217.7200, 18.3790, 31.8176
Hunter-Lab	81.2343, 28.7337, -18.4916

Details

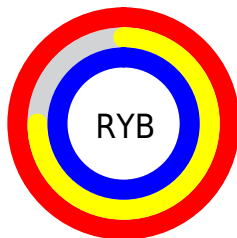
The XYZ color **77.7727, 65.9901, 103.2460** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.2684, 86.6640, 63.0548**, and the grayscale version is **66.3189, 69.7726, 75.9824**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **42.3075, 34.1245, 57.7829** is the 20% darker color. If you saturate the color by 10%, you get **72.5043, 55.6716, 101.5320**, and if you desaturate by 10%, it is **84.0151, 78.2543, 105.2842**.

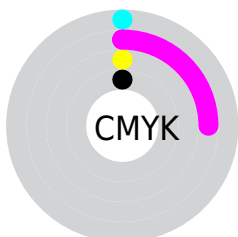
Distribution



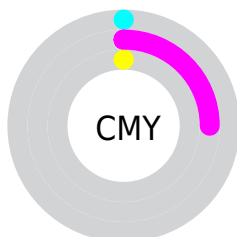
- Red (100%)
- Green (75%)
- Blue (100%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.7727, 65.9901, 103.2460 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 77.7727, 65.9901, 103.2460 by changing the saturation by 10% instead.


 77.7727, 65.9901,
103.2460

 77.7727, 65.9901,
103.2460

476.2462,
446.3415, 591.8856

 58.1894, 48.2644,
78.3822


 129.1967,
113.4721, 167.7015

 42.2048, 34.0363,
57.8697

161.7681,
143.9972, 208.1303

 29.4535, 22.9215,
41.2899

199.3997,
179.5575, 254.5845

 19.5702, 14.5355,
28.2243

242.4567,
220.5375, 307.4826

 12.1894, 8.4941,
18.2543

291.3044,
267.3214, 367.2433

 6.9459, 4.4127,
10.9614

346.3084,

 3.4743, 1.9070,

320.2938, 434.2849

5.9270

407.8338,
379.8391, 509.0262

■ 1.4093, 0.5526,
2.7327

■ 0.2628, 0.0000,
0.9598

■ 77.7727, 65.9901,
103.2460

■ 77.7727, 65.9901,
103.2460

■ 72.5043, 55.6716,
101.5320

■ 84.0151, 78.2543,
105.2842

■ 68.1542, 47.1904,
100.1243

■ 91.2724, 92.5485,
107.6608

■ 64.6700, 40.4403,
99.0050

95.0500, 100.0000,
108.9000

■ 61.9913, 35.3008,
98.1542

■ 60.0502, 31.6360,
97.5491

■ 58.7677, 29.2880,
97.1635

■ 58.0465, 28.0623,
96.9649

■ 57.8189, 27.7216,
96.9112

Harmonies

Analogous

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



70.2853, 65.9901, 125.4500



77.7727, 65.9901, 103.2460



81.2391, 65.9901, 75.8743

Triad

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



77.7727, 65.9901, 103.2460



64.1108, 65.9901, 33.4275



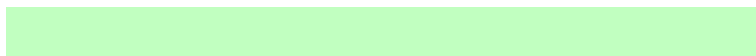
48.5773, 65.9901, 94.7779

Complementary

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



77.7727, 65.9901, 103.2460



67.2684, 86.6640, 63.0548

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.



47.2563, 65.9901, 67.9745



77.7727, 65.9901, 103.2460



55.7210, 65.9901, 36.2199

Square

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



77.7727, 65.9901, 103.2460



72.8939, 65.9901, 38.7795



49.7496, 65.9901, 47.5699



53.5427, 65.9901, 119.8101

Rectangle

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



77.7727, 65.9901, 103.2460



80.5870, 65.9901, 59.7199



49.7496, 65.9901, 47.5699



47.7134, 65.9901, 85.5251

Sweetspot

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



77.7746, 65.9929, 103.2465



89.5136, 89.0817, 107.0843



58.8719, 56.5917, 102.4281



19.0626, 18.8760, 22.8887



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.



77.7746, 65.9929, 103.2465



74.8655, 60.2909, 102.2992



73.6205, 64.3736, 79.4598



18.7625, 18.2848, 22.7904



30.2246, 14.4919, 50.6388



2.9516, 1.4155, 4.9309

Inverse Universe

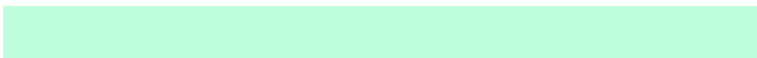
The Inverse Universe completely reimagines the original color for something new.



69.7169, 62.8122, 58.9038



65.4690, 56.5837, 50.4976



70.7453, 88.0255, 82.6879



18.0211, 17.9917, 18.7281



21.5654, 11.1154, 1.0959



2.1037, 1.0838, 0.1273

Previews

White Background



This preview shows how the XYZ color 77.7727, 65.9901, 103.2460 looks on a white background.

Color Contrast Check

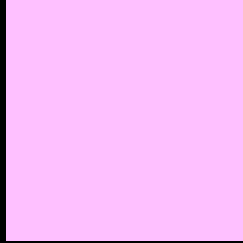
Large Text (above 18pt) WCAG AA × Fail

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 77.7727, 65.9901, 103.2460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

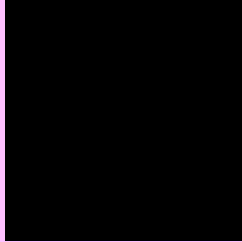
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.7727, 65.9901, 103.2460

Background



This preview shows how black text looks on a background with the XYZ color 77.7727, 65.9901, 103.2460.



This preview shows how white text looks on a background with the XYZ color 77.7727, 65.9901,

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

77.7727, 65.9901, 103.2460

Protanopia

65.7014, 66.3651, 103.9546

Deuteranopia

67.8581, 66.4362, 101.3424



Tritanopia

71.4006, 65.7096, 73.2100

Trichromacy



Original Color

77.7727, 65.9901, 103.2460



Protanomaly

69.4617, 65.7779, 103.6431



Deuteranomaly

71.1633, 65.9909, 101.9153



Tritanomaly

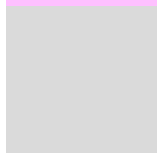
73.4472, 65.5170, 83.6379

Monochromacy



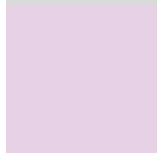
Original Color

77.7727, 65.9901, 103.2460



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 77.7727, 65.9901, 103.2460 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 192, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.7727, 65.9901, 103.2460 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, 255) }
```


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

```
.border{ border-color:rgb(254, 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(254, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 192,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7727, 65.9901, 103.2460 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, 255) }
```

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

```
.background{ background-color: rgb(254,  
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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