

Converting Colors

XYZ(111.9995, 77.0423,
291.5217)

Have a look what the booklet for
XYZ(111.9995, 77.0423, 291.5217)
contains.

XYZ(76.0635, 62.5718, 102.6763)	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(76.0635, 62.5718,
102.6763)**

Conversions

Conversions Part 1

Format	Color
Hex	FEB8FF
RGB	254, 184, 255
RGB Percent	100%, 72%, 100%
CMY	0.0039, 0.2784, 0.0000
CMYK	0.00, 0.28, 0.00, 0.00
HSL	299°, 100%, 86%
HSV	299°, 28%, 100%
XYZ	76.0635, 62.5718, 102.6763
YIQ	213.0240, 18.9290, 36.9210

Conversions

Conversions Part 2

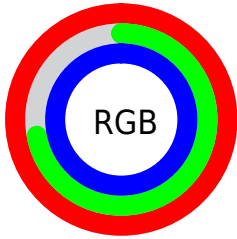
Format	Color
RYB	254, 184, 255
Decimal	16693503
CIELab	83.22, 36.55, -25.06
CIELCh	83, 44.320, 325.565
Yxy	62.5718, 0.3152, 0.2593
Android (android.graphics.Color)	4294883583 (0xFFFE8FF)
YUV	213.0240, 20.6942, 35.9360
Hunter-Lab	79.1023, 33.2136, -21.5879

Details

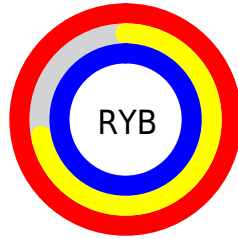
The XYZ color **76.0635, 62.5718, 102.6763** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.4209, 85.2957, 58.4189**, and the grayscale version is **63.1207, 66.4078, 72.3181**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **40.9406, 31.7782, 57.4021** is the 20% darker color. If you saturate the color by 10%, you get **71.1058, 52.8501, 101.0612**, and if you desaturate by 10%, it is **81.9797, 74.2083, 104.6106**.

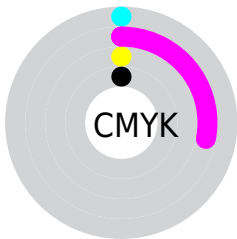
Distribution



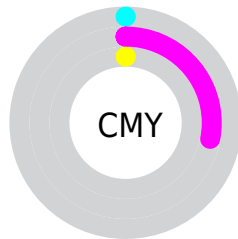
- Red (100%)
- Green (72%)
- Blue (100%)



- Red (100%)
- Yellow (72%)
- Blue (100%)



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0635, 62.5718, 102.6763 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 76.0635, 62.5718, 102.6763 by changing the saturation by 10% instead.

76.0635, 62.5718,
102.6763

76.0635, 62.5718,
102.6763

470.5061,
434.0138, 590.0593

56.7818, 45.4949,
77.9082

126.7965,
108.5515, 166.9141

41.0695, 31.8474,
57.4826

158.9786,
138.2231, 207.2208

28.5613, 21.2450,
40.9809

196.1915,
172.8617, 253.5441

18.8918, 13.3032,
27.9845

238.8006,
212.8517, 306.3027

11.6957, 7.6377,
18.0751

287.1713,
258.5776, 365.9149

6.6075, 3.8640,
10.8339

341.6688,

3.2620, 1.5978,

310.4236, 432.7994

5.8425

402.6587,
368.7742, 507.3747

■ 1.2938, 0.3561,
2.6823

■ 0.1786, 0.0000,
0.9345

■ 76.0635, 62.5718,
102.6763

■ 76.0635, 62.5718,
102.6763

■ 71.1058, 52.8501,
101.0612

■ 81.9797, 74.2083,
104.6106

■ 67.0499, 44.9327,
99.7467

■ 88.8966, 87.8466,
106.8785

■ 63.8415, 38.7099,
98.7147

95.0500, 100.0000,
108.9000

■ 61.4183, 34.0569,
97.9443

■ 59.7092, 30.8320,
97.4119

■ 58.6307, 28.8677,
97.0896

■ 58.0706, 27.9401,
96.9401

■ 57.9829, 27.8062,
96.9188

Harmonies

Analogous

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



67.8139, 62.5718, 127.9358



76.0635, 62.5718, 102.6763



79.8780, 62.5718, 72.3079

Triad

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



76.0635, 62.5718, 102.6763



60.9140, 62.5718, 27.7972



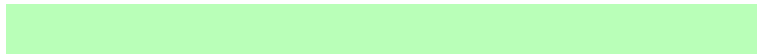
44.3033, 62.5718, 93.6319

Complementary

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



76.0635, 62.5718, 102.6763



64.4209, 85.2957, 58.4189

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.



42.8768, 62.5718, 64.1163



76.0635, 62.5718, 102.6763



51.8450, 62.5718, 30.6546

Square

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



76.0635, 62.5718, 102.6763



70.5532, 62.5718, 33.1226



45.4888, 62.5718, 42.3581



49.6175, 62.5718, 121.8032

Rectangle

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



76.0635, 62.5718, 102.6763



79.1224, 62.5718, 54.8858



45.4888, 62.5718, 42.3581



43.3794, 62.5718, 83.3500

Sweetspot

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



76.0653, 62.5745, 102.6767



88.7785, 87.6135, 106.8397



55.2070, 52.1881, 101.7713



18.7659, 18.2866, 22.7905



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.



76.0653, 62.5745, 102.6767



73.3905, 57.3254, 101.8046



71.3910, 60.7471, 76.1502



18.7659, 18.2866, 22.7905



30.3089, 14.5353, 50.6427



2.9589, 1.4193, 4.9313

Inverse Universe

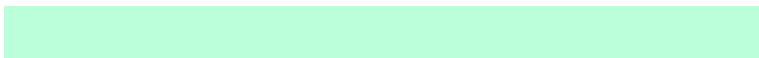
The Inverse Universe completely reimagines the original color for something new.



67.1391, 59.0463, 53.7597



63.2242, 53.3090, 46.0040



68.2253, 86.7898, 79.7054



18.0198, 17.9912, 18.7212



21.5635, 11.1147, 1.0861



2.1030, 1.0836, 0.1241

Previews

White Background



This preview shows how the XYZ color 76.0635, 62.5718, 102.6763 looks on a white background.

Color Contrast Check

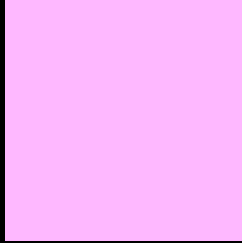
Large Text (above 18pt) WCAG AA × Fail

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 76.0635, 62.5718, 102.6763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

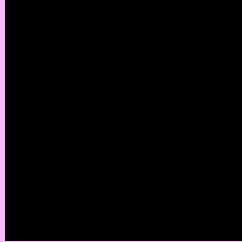
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.0635, 62.5718, 102.6763

Background



This preview shows how black text looks on a background with the XYZ color 76.0635, 62.5718, 102.6763.



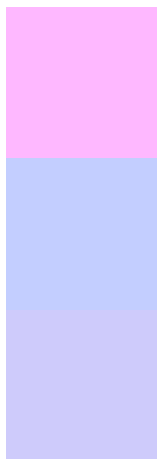
This preview shows how white text looks on a background with the XYZ color 76.0635, 62.5718,

102.6763.

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

76.0635, 62.5718, 102.6763

Protanopia

62.6270, 62.9647, 103.4604

Deuteranopia

64.2221, 62.7987, 100.0033



Tritanopia

69.1665, 62.6505, 68.1218

Trichromacy



Original Color

76.0635, 62.5718, 102.6763



Protanomaly

66.5630, 62.2071, 103.1067



Deuteranomaly

67.7420, 62.1961, 100.5301



Tritanomaly

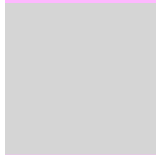
71.4284, 62.5871, 79.5500

Monochromacy



Original Color

76.0635, 62.5718, 102.6763



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

67.1190, 64.3365, 82.2794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0635, 62.5718, 102.6763 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, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 184, 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, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 184, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.0635, 62.5718, 102.6763 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, 184, 255) }
```


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

```
.border{ border-color:rgb(254, 184, 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, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 184,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0635, 62.5718, 102.6763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 184, 255) }
```

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

```
.background{ background-color: rgb(254,  
184, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor