

Converting Colors

XYZ(76.8826, 63.9262,
112.2063)

Have a look what the booklet for
XYZ(76.8826, 63.9262, 112.2063)
contains.

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Color

**XYZ(75.1001, 63.3262,
102.8727)**

Conversions

Conversions Part 1

Format	Color
Hex	F9BCFF
RGB	249, 188, 255
RGB Percent	98%, 74%, 100%
CMY	0.0235, 0.2627, 0.0000
CMYK	0.02, 0.26, 0.00, 0.00
HSL	295°, 100%, 87%
HSV	295°, 26%, 100%
XYZ	75.1001, 63.3262, 102.8727
YIQ	213.8770, 14.8490, 33.7690

Conversions

Conversions Part 2

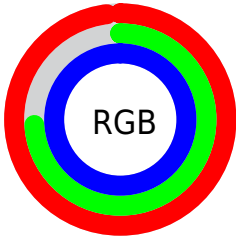
Format	Color
R _Y B	249, 188, 255
Decimal	16366847
CIE Lab	83.61, 32.87, -24.50
CIE LCh	84, 41.001, 323.301
Yxy	63.3262, 0.3112, 0.2624
Android (android.graphics.Color)	4294556927 (0xFFF9BCFF)
YUV	213.8770, 20.2736, 30.8029
Hunter-Lab	79.5778, 29.1951, -20.9416

Details

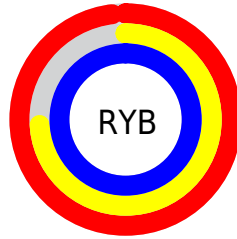
The XYZ color **75.1001, 63.3262, 102.8727** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.0869, 86.6210, 60.7638**, and the grayscale version is **63.6965, 67.0137, 72.9779**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **40.4564, 32.3339, 57.5349** is the 20% darker color. If you saturate the color by 10%, you get **69.3181, 52.9622, 101.1770**, and if you desaturate by 10%, it is **81.8580, 75.6254, 104.8905**.

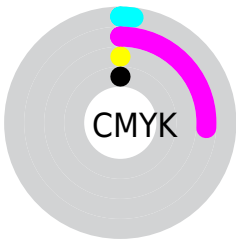
Distribution



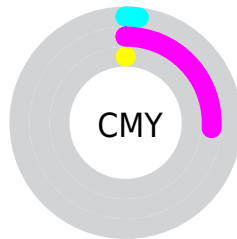
- Red (98%)
- Green (74%)
- Blue (100%)



- Red (98%)
- Yellow (74%)
- Blue (100%)



- Cyan (2%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.1001, 63.3262, 102.8727 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 75.1001, 63.3262, 102.8727 by changing the saturation by 10% instead.


 75.1001, 63.3262,
102.8727

 75.1001, 63.3262,
102.8727


467.2534,
436.7524, 590.6892

 55.9894, 46.1052,
78.0716


 125.4412,
109.6400, 167.1856

 40.4314, 32.3288,
57.6160

157.4023,
139.5015, 207.5344

 28.0607, 21.6128,
41.0874


194.3775,
174.3453, 253.9029

 18.5121, 13.5726,
28.0671

236.7322,
214.5558, 306.7096

 11.4202, 7.8240,
18.1368

284.8318,
260.5173, 366.3730

 6.4196, 3.9826,
10.8778

339.0417,

 3.1449, 1.6638,

312.6144, 433.3118

5.8716

399.7271,
371.2312, 507.9443

■ 1.2309, 0.4001,
2.6996

■ 0.1305, 0.0000,
0.9432

■ 75.1001, 63.3262,
102.8727

■ 75.1001, 63.3262,
102.8727

■ 69.3181, 52.9622,
101.1770

■ 81.8580, 75.6254,
104.8905

■ 64.4559, 44.4240,
99.7852

■ 89.6332, 89.9457,
107.2448

■ 60.4599, 37.6037,
98.6794

95.0500, 100.0000,
108.9000

■ 57.2689, 32.3788,
97.8391

■ 54.8134, 28.6105,
97.2411

■ 53.0121, 26.1361,
96.8585

■ 51.7638, 24.7533,
96.6573

■ 51.3834, 24.4040,
96.6100

Harmonies

Analogous

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



67.2711, 63.3262, 124.9763



75.1001, 63.3262, 102.8727



78.9900, 63.3262, 74.8737

Triad

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



75.1001, 63.3262, 102.8727



62.2235, 63.3262, 30.6162



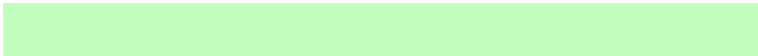
45.7016, 63.3262, 90.3878

Complementary

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



75.1001, 63.3262, 102.8727



67.0869, 86.6210, 60.7638

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.



44.6375, 63.3262, 63.3500



75.1001, 63.3262, 102.8727



53.6235, 63.3262, 32.8148

Square

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



75.1001, 63.3262, 102.8727



71.0932, 63.3262, 36.4529



47.3962, 63.3262, 43.4506



50.4622, 63.3262, 116.6072

Rectangle

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



75.1001, 63.3262, 102.8727



78.5774, 63.3262, 58.2028



47.3962, 63.3262, 43.4506



44.9206, 63.3262, 80.9482

Sweetspot

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



75.1019, 63.3289, 102.8731



88.2151, 87.3231, 106.8133



58.2395, 56.8103, 102.5037



18.6228, 18.2128, 22.7838



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.



75.1019, 63.3289, 102.8731



71.6733, 57.1613, 101.8634



73.2561, 62.8415, 81.8147



18.6228, 18.2128, 22.7838



26.9152, 12.7858, 50.4839



2.6657, 1.2681, 4.9175

Inverse Universe

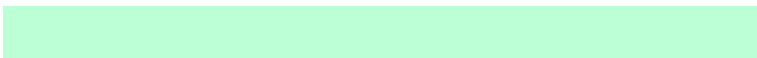
The Inverse Universe completely reimagines the original color for something new.



68.9625, 61.1241, 59.2047



64.5708, 54.6249, 50.6986



68.7409, 87.1083, 77.3481



18.0754, 18.0135, 19.0142



21.6509, 11.1497, 1.5464



2.1294, 1.0941, 0.2629

Previews

White Background



This preview shows how the XYZ color 75.1001, 63.3262, 102.8727 looks on a white background.

Color Contrast Check

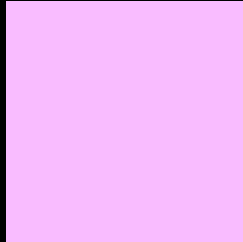
Large Text (above 18pt) WCAG AA × Fail

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 75.1001, 63.3262, 102.8727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

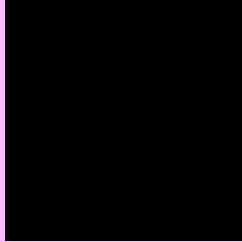
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.1001, 63.3262, 102.8727

Background



This preview shows how black text looks on a background with the XYZ color 75.1001, 63.3262, 102.8727.



This preview shows how white text looks on a background with the XYZ color 75.1001, 63.3262,

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

75.1001, 63.3262, 102.8727

Protanopia

63.3888, 63.7160, 103.5652

Deuteranopia

65.1760, 63.6239, 100.9410



Tritanopia

68.4599, 63.2377, 70.2259

Trichromacy



Original Color

75.1001, 63.3262, 102.8727



Protanomaly

67.0232, 63.1275, 103.2601



Deuteranomaly

68.3551, 63.1680, 101.5184



Tritanomaly

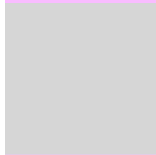
70.5913, 63.0985, 81.1317

Monochromacy



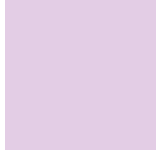
Original Color

75.1001, 63.3262, 102.8727



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

67.6527, 65.6507, 83.2349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1001, 63.3262, 102.8727 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(249, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 188, 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(249, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 188, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.1001, 63.3262, 102.8727 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(249, 188, 255) }
```


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

```
.border{ border-color:rgb(249, 188, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 188, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 188, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 188, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 188,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1001, 63.3262, 102.8727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 188, 255) }
```

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

```
.background{ background-color: rgb(249,  
188, 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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