

Converting Colors

XYZ(75.8442, 62.3937,
100.0156)

Have a look what the booklet for
XYZ(75.8442, 62.3937, 100.0156)
contains.

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Color

**XYZ(75.9512, 62.5693,
100.1695)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB8FC
RGB	255, 184, 252
RGB Percent	100%, 72%, 99%
CMY	0.0000, 0.2784, 0.0118
CMYK	0.00, 0.28, 0.01, 0.00
HSL	303°, 100%, 86%
HSV	303°, 28%, 100%
XYZ	75.9512, 62.5693, 100.1695
YIQ	212.9810, 20.4880, 36.2000

Conversions

Conversions Part 2

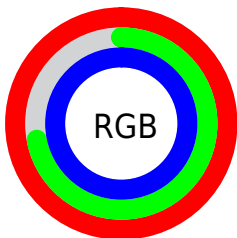
Format	Color
R _Y B	255, 184, 252
Decimal	16759036
CIE Lab	83.22, 36.33, -23.46
CIE LCh	83, 43.245, 327.154
Yxy	62.5693, 0.3182, 0.2621
Android (android.graphics.Color)	4294949116 (0xFFFFB8FC)
YUV	212.9810, 19.2364, 36.8507
Hunter-Lab	79.1008, 32.9663, -19.7116

Details

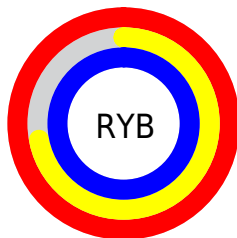
The XYZ color **75.9512, 62.5693, 100.1695** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.4987, 85.2991, 60.0813**, and the grayscale version is **63.1005, 66.3866, 72.2950**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **40.8589, 31.7757, 55.6096** is the 20% darker color. If you saturate the color by 10%, you get **70.9539, 52.8469, 97.6647**, and if you desaturate by 10%, it is **81.9069, 74.2064, 103.0002**.

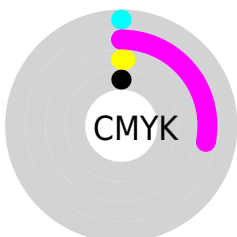
Distribution



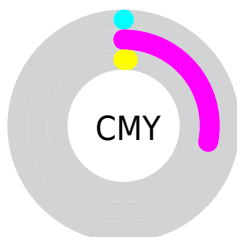
- Red (100%)
- Green (72%)
- Blue (99%)



- Red (100%)
- Yellow (72%)
- Blue (99%)



- Cyan (0%)
- Magenta (28%)
- Yellow (1%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9512, 62.5693, 100.1695 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 75.9512, 62.5693, 100.1695 by changing the saturation by 10% instead.

75.9512, 62.5693,
100.1695

75.9512, 62.5693,
100.1695

470.1276,
434.0047, 581.9873

56.6894, 45.4929,
75.8244

126.6386,
108.5479, 163.4440

40.9951, 31.8458,
55.7828

158.7950,
138.2189, 203.2105

28.5029, 21.2438,
39.6259

195.9803,
172.8568, 248.9546

18.8475, 13.3023,
26.9355

238.5598,
212.8461, 301.0948

11.6635, 7.6370,
17.2927

286.8989,
258.5711, 360.0496

6.5855, 3.8636,
10.2793

341.3630,

3.2483, 1.5976,

310.4163, 426.2376

5.4765

402.3175,
368.7660, 500.0773

■ 1.2864, 0.3559,
2.4659

■ 0.1730, 0.0000,
0.8220

■ 75.9512, 62.5693,
100.1695

■ 75.9512, 62.5693,
100.1695

■ 70.9539, 52.8469,
97.6647

■ 81.9069, 74.2064,
103.0002

■ 66.8596, 44.9292,
95.4649

■ 88.8643, 87.8457,
106.1687

■ 63.6136, 38.7064,
93.5525

95.0500, 100.0000,
108.9000

■ 61.1533, 34.0537,
91.9069

■ 59.4080, 30.8293,
90.5043

■ 58.2939, 28.8658,
89.3168

■ 57.6990, 27.9392,
88.3072

■ 57.6039, 27.8055,
88.1009

Harmonies

Analogous

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



68.0897, 62.5693, 125.2175



75.9512, 62.5693, 100.1695



79.3701, 62.5693, 70.7251

Triad

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



75.9512, 62.5693, 100.1695



60.3705, 62.5693, 28.4559



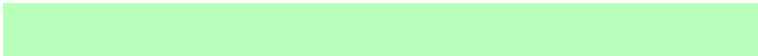
44.8186, 62.5693, 94.5330

Complementary

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



75.9512, 62.5693, 100.1695



64.4987, 85.2991, 60.0813

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.



43.2100, 62.5693, 65.5939



75.9512, 62.5693, 100.1695



51.6108, 62.5693, 31.7197

Square

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



75.9512, 62.5693, 100.1695



69.8019, 62.5693, 33.2859



45.5646, 62.5693, 43.7702



50.2119, 62.5693, 121.4074

Rectangle

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



75.9512, 62.5693, 100.1695



78.4280, 62.5693, 53.9963



45.5646, 62.5693, 43.7702



43.8437, 62.5693, 84.5308

Sweetspot

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



75.9526, 62.5718, 100.1708



88.7455, 87.6125, 106.1156



55.5320, 51.9892, 101.7158



18.7576, 18.2863, 22.6065



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.



75.9526, 62.5718, 100.1708



73.2575, 57.3223, 98.8386



70.9238, 60.5603, 73.6899



18.7576, 18.2863, 22.6065



30.1139, 14.5348, 46.1116



2.9420, 1.4192, 4.5418

Inverse Universe

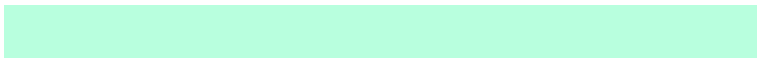
The Inverse Universe completely reimagines the original color for something new.



75.9526, 62.5718, 100.1708



73.2575, 57.3223, 98.8386



68.6959, 86.9780, 82.1833



18.7576, 18.2863, 22.6065



30.1139, 14.5348, 46.1116



2.9420, 1.4192, 4.5418

Previews

White Background



This preview shows how the XYZ color 75.9512, 62.5693, 100.1695 looks on a white background.

Color Contrast Check

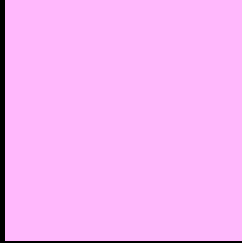
Large Text (above 18pt) WCAG AA × Fail

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 75.9512, 62.5693, 100.1695 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 75.9512, 62.5693, 100.1695

Background



This preview shows how black text looks on a background with the XYZ color 75.9512, 62.5693, 100.1695.



This preview shows how white text looks on a background with the XYZ color 75.9512, 62.5693,

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

75.9512, 62.5693, 100.1695

Protanopia

62.6270, 62.9647, 103.4604

Deuteranopia

64.3116, 62.8991, 97.5581



Tritanopia

69.1790, 62.3440, 67.4189

Trichromacy



Original Color

75.9512, 62.5693, 100.1695



Protanomaly

66.6987, 62.2956, 102.2748



Deuteranomaly

67.8901, 62.3270, 98.0746



Tritanomaly

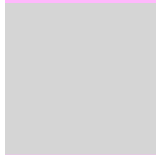
71.3005, 62.2321, 78.0661

Monochromacy



Original Color

75.9512, 62.5693, 100.1695



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

66.9806, 64.2811, 81.5503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9512, 62.5693, 100.1695 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, 184, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 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, 184, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 252) }
```

Border

The CSS property to change the border of an element to XYZ 75.9512, 62.5693, 100.1695 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, 184, 252) }
```


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

```
.border{ border-color:rgb(255, 184, 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, 184, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 184, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 184, 252); box-shadow:4px 4px 4px 4px rgb(255, 184, 252) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9512, 62.5693, 100.1695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 252) }
```

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

```
.background{ background-color: rgb(255,  
184, 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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