

Converting Colors

XYZ(88.3575, 68.0520,
173.2436)

Have a look what the booklet for
XYZ(88.3575, 68.0520, 173.2436)
contains.

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Color

**XYZ(75.0332, 62.6618,
102.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	FABAFF
RGB	250, 186, 255
RGB Percent	98%, 73%, 100%
CMY	0.0196, 0.2706, 0.0000
CMYK	0.02, 0.27, 0.00, 0.00
HSL	296°, 100%, 86%
HSV	296°, 27%, 100%
XYZ	75.0332, 62.6618, 102.7480
YIQ	213.0020, 15.9950, 35.0270

Conversions

Conversions Part 2

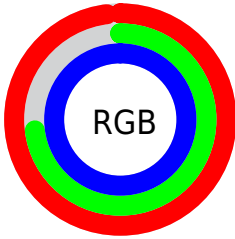
Format	Color
R _Y B	250, 186, 255
Decimal	16431871
CIE Lab	83.26, 34.24, -25.03
CIE LCh	83, 42.414, 323.840
Yxy	62.6618, 0.3121, 0.2606
Android (android.graphics.Color)	4294621951 (0xFFFABAFF)
YUV	213.0020, 20.7050, 32.4472
Hunter-Lab	79.1592, 30.6675, -21.5465

Details

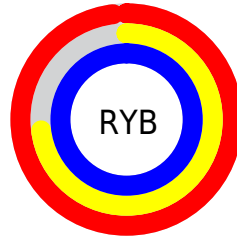
The XYZ color **75.0332, 62.6618, 102.7480** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.1104, 86.1423, 59.6002**, and the grayscale version is **63.1073, 66.3938, 72.3028**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **40.4366, 31.9172, 57.4555** is the 20% darker color. If you saturate the color by 10%, you get **69.4747, 52.5219, 101.0838**, and if you desaturate by 10%, it is **81.5603, 74.7274, 104.7329**.

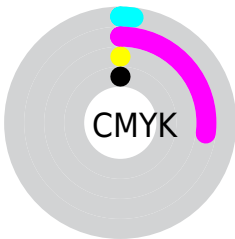
Distribution



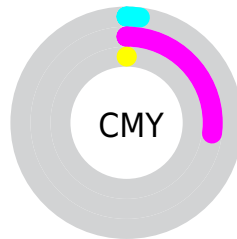
- Red (98%)
- Green (73%)
- Blue (100%)



- Red (98%)
- Yellow (73%)
- Blue (100%)



- Cyan (2%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.0332, 62.6618, 102.7480 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 75.0332, 62.6618, 102.7480 by changing the saturation by 10% instead.


 75.0332, 62.6618,
102.7480

 75.0332, 62.6618,
102.7480


467.0271,
434.3410, 590.2893

 55.9344, 45.5677,
77.9679


 125.3470,
108.6814, 167.0132

 40.3871, 31.9048,
57.5313

157.2927,
138.3757, 207.3353

 28.0260, 21.2888,
41.0197


194.2514,
173.0389, 253.6751

 18.4858, 13.3353,
28.0147

236.5884,
213.0553, 306.4513

 11.4012, 7.6598,
18.0976

284.6691,
258.8093, 366.0822

 6.4066, 3.8781,
10.8499

338.8589,

 3.1369, 1.6056,

310.6853, 432.9865

5.8531

399.5231,
369.0678, 507.5827

■ 1.2265, 0.3614,
2.6886

■ 0.1272, 0.0000,
0.9377

■ 75.0332, 62.6618,
102.7480

■ 75.0332, 62.6618,
102.7480

■ 69.4747, 52.5219,
101.0838

■ 81.5603, 74.7274,
104.7329

■ 64.8285, 44.1979,
99.7219

■ 89.0978, 88.8052,
107.0529

■ 61.0406, 37.5809,
98.6444

95.0500, 100.0000,
108.9000

■ 58.0491, 32.5472,
97.8305

■ 55.7840, 28.9567,
97.2568

■ 54.1627, 26.6443,
96.8959

■ 53.0799, 25.3995,
96.7127

■ 52.8170, 25.1431,
96.6771

Harmonies

Analogous

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



67.0076, 62.6618, 125.9373



75.0332, 62.6618, 102.7480



78.9603, 62.6618, 73.8172

Triad

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



75.0332, 62.6618, 102.7480



61.4790, 62.6618, 29.2012



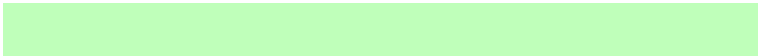
44.7821, 62.6618, 90.8526

Complementary

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



75.0332, 62.6618, 102.7480



66.1104, 86.1423, 59.6002

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.



43.6271, 62.6618, 62.9284



75.0332, 62.6618, 102.7480



52.6823, 62.6618, 31.5533

Square

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



75.0332, 62.6618, 102.7480



70.6321, 62.6618, 34.9217



46.3721, 62.6618, 42.4612



49.7068, 62.6618, 117.9231

Rectangle

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



75.0332, 62.6618, 102.7480



78.4641, 62.6618, 56.7991



46.3721, 62.6618, 42.4612



43.9627, 62.6618, 81.0956

Sweetspot

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



75.0350, 62.6645, 102.7484



88.3423, 87.3886, 106.8193



57.0970, 55.2516, 102.2630



18.6551, 18.2295, 22.7854



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.



75.0350, 62.6645, 102.7484



72.1688, 57.4168, 101.8866



72.5622, 61.8850, 80.2537



18.6551, 18.2295, 22.7854



27.6530, 13.1661, 50.5184



2.7298, 1.3012, 4.9205

Inverse Universe

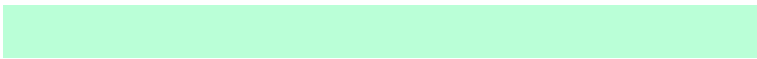
The Inverse Universe completely reimagines the original color for something new.



68.2045, 60.1419, 57.3063



64.4286, 54.5681, 49.9502



68.2451, 86.8534, 77.2914



18.0628, 18.0084, 18.9476



21.6271, 11.1401, 1.4207



2.1234, 1.0917, 0.2314

Previews

White Background



This preview shows how the XYZ color 75.0332, 62.6618, 102.7480 looks on a white background.

Color Contrast Check

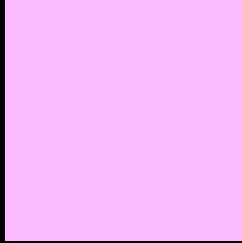
Large Text (above 18pt) WCAG AA × Fail

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 75.0332, 62.6618, 102.7480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

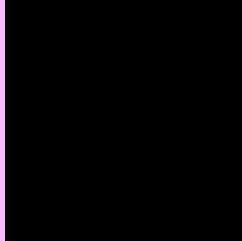
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.0332, 62.6618, 102.7480

Background



This preview shows how black text looks on a background with the XYZ color 75.0332, 62.6618, 102.7480.

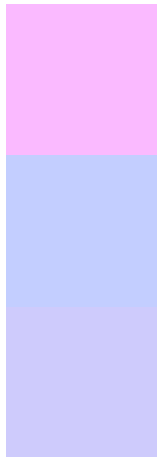


This preview shows how white text looks on a background with the XYZ color 75.0332, 62.6618,

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

75.0332, 62.6618, 102.7480

Protanopia

62.6270, 62.9647, 103.4604

Deuteranopia

64.3802, 62.8620, 100.8358



Tritanopia

68.4562, 62.9165, 69.5088

Trichromacy



Original Color

75.0332, 62.6618, 102.7480



Protanomaly

66.4978, 62.5139, 103.1693



Deuteranomaly

67.8201, 62.5539, 101.4281



Tritanomaly

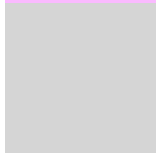
70.5831, 62.7831, 80.3497

Monochromacy



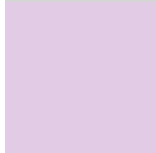
Original Color

75.0332, 62.6618, 102.7480



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

66.7236, 64.4821, 82.3284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0332, 62.6618, 102.7480 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(250, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 186, 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(250, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 186, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.0332, 62.6618, 102.7480 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(250, 186, 255) }
```


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

```
.border{ border-color:rgb(250, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 186,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0332, 62.6618, 102.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 186, 255) }
```

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

```
.background{ background-color: rgb(250,  
186, 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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