

Converting Colors

XYZ(76.6915, 64.3402,
107.8147)

Have a look what the booklet for
XYZ(76.6915, 64.3402, 107.8147)
contains.

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Color

**XYZ(75.6719, 63.9392,
102.9609)**

Conversions

Conversions Part 1

Format	Color
Hex	FABDFE
RGB	250, 189, 255
RGB Percent	98%, 74%, 100%
CMY	0.0196, 0.2588, 0.0000
CMYK	0.02, 0.26, 0.00, 0.00
HSL	295°, 100%, 87%
HSV	295°, 26%, 100%
XYZ	75.6719, 63.9392, 102.9609
YIQ	214.7630, 15.1700, 33.4580

Conversions

Conversions Part 2

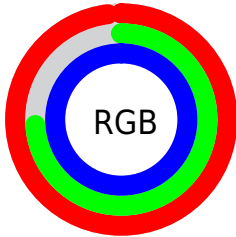
Format	Color
R _Y B	250, 189, 255
Decimal	16432639
CIE _{Lab}	83.93, 32.66, -24.01
CIE _{LCh}	84, 40.536, 323.686
Y _{xy}	63.9392, 0.3120, 0.2636
Android (android.graphics.Color)	4294622719 (0xFFFFABDFF)
YUV	214.7630, 19.8368, 30.9028
Hunter-Lab	79.9620, 28.9897, -20.3698

Details

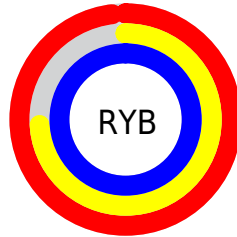
The XYZ color **75.6719, 63.9392, 102.9609** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.1951, 86.6642, 61.3336**, and the grayscale version is **64.2957, 67.6440, 73.6644**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **40.8493, 32.7426, 57.5930** is the 20% darker color. If you saturate the color by 10%, you get **69.9735, 53.5636, 101.2585**, and if you desaturate by 10%, it is **82.3453, 76.2524, 104.9859**.

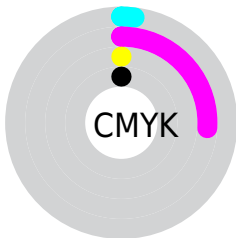
Distribution



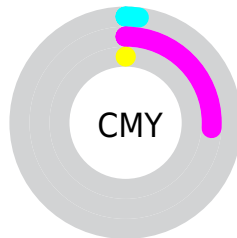
- Red (98%)
- Green (74%)
- Blue (100%)



- 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 75.6719, 63.9392, 102.9609 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 75.6719, 63.9392, 102.9609 by changing the saturation by 10% instead.


 75.6719, 63.9392,
102.9609

 75.6719, 63.9392,
102.9609

469.1855,
438.9700, 590.9720

 56.4596, 46.6014,
78.1450


 126.2458,
110.5234, 167.3075

 40.8100, 32.7207,
57.6759


158.3382,
140.5386, 207.6752

 28.3577, 21.9126,
41.1352


195.4547,
175.5483, 254.0640

 18.7373, 13.7927,
28.1042

237.9605,
215.9371, 306.8923

 11.5835, 7.9766,
18.1645

286.2212,
262.0893, 366.5787

 6.5309, 4.0800,
10.8975

340.6020,

 3.2142, 1.7184,

314.3892, 433.5418

5.8847

401.4683,
373.2214, 508.2000

■ 1.2680, 0.4355,
2.7074

■ 0.1591, 0.0000,
0.9472

■ 75.6719, 63.9392,
102.9609

■ 75.6719, 63.9392,
102.9609

■ 69.9735, 53.5636,
101.2585

■ 82.3453, 76.2524,
104.9859

■ 65.1940, 45.0165,
99.8607

■ 90.0352, 90.5887,
107.3478

■ 61.2804, 38.1905,
98.7494

95.0500, 100.0000,
108.9000

■ 58.1715, 32.9634,
97.9043

■ 55.7982, 29.1974,
97.3025

■ 54.0799, 26.7309,
96.9170

■ 52.9164, 25.3636,
96.7144

■ 52.5380, 24.9992,
96.6640

Harmonies

Analogous

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



67.9284, 63.9392, 125.0070



75.6719, 63.9392, 102.9609



79.4700, 63.9392, 75.1642

Triad

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



75.6719, 63.9392, 102.9609



62.6789, 63.9392, 31.3106



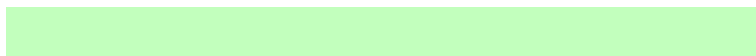
46.3756, 63.9392, 91.2822

Complementary

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



75.6719, 63.9392, 102.9609



67.1951, 86.6642, 61.3336

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.



45.2646, 63.9392, 64.3534



75.6719, 63.9392, 102.9609



54.1373, 63.9392, 33.6198

Square

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



75.6719, 63.9392, 102.9609



71.5097, 63.9392, 37.0572



47.9693, 63.9392, 44.3856



51.1674, 63.9392, 117.1921

Rectangle

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



75.6719, 63.9392, 102.9609



79.0129, 63.9392, 58.6286



47.9693, 63.9392, 44.3856



45.5801, 63.9392, 81.9035

Sweetspot

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



75.6737, 63.9419, 102.9613



88.3178, 87.3760, 106.8181



58.4421, 56.8484, 102.5003



18.6489, 18.2263, 22.7851



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.



75.6737, 63.9419, 102.9613



72.6370, 58.3931, 102.0504



73.3734, 63.2315, 81.3748



18.6489, 18.2263, 22.7851



27.5094, 13.0921, 50.5117



2.7173, 1.2947, 4.9200

Inverse Universe

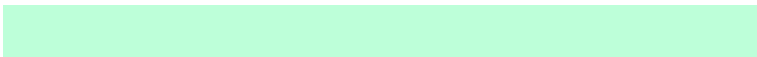
The Inverse Universe completely reimagines the original color for something new.



69.1769, 61.5528, 59.2762



65.1925, 55.6659, 51.5305



69.2075, 87.3235, 78.5149



18.0652, 18.0094, 18.9604



21.6314, 11.1418, 1.4434



2.1246, 1.0922, 0.2375

Previews

White Background



This preview shows how the XYZ color 75.6719, 63.9392, 102.9609 looks on a white background.

Color Contrast Check

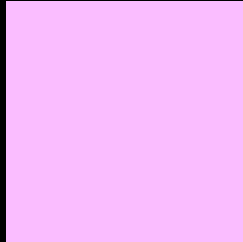
Large Text (above 18pt) WCAG AA × Fail

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 75.6719, 63.9392, 102.9609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

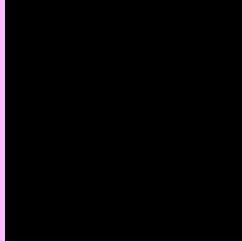
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6719, 63.9392, 102.9609

Background



This preview shows how black text looks on a background with the XYZ color 75.6719, 63.9392, 102.9609.

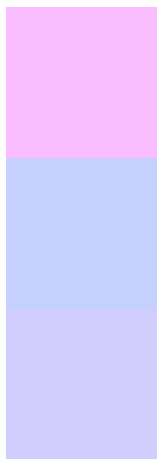


This preview shows how white text looks on a background with the XYZ color 75.6719, 63.9392,

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

75.6719, 63.9392, 102.9609

Protanopia

63.8946, 64.3375, 103.6585

Deuteranopia

65.6965, 64.2462, 101.0336



Tritanopia

69.1581, 63.9191, 70.9799

Trichromacy



Original Color

75.6719, 63.9392, 102.9609



Protanomaly

67.5519, 63.7450, 103.3514



Deuteranomaly

68.8935, 63.7860, 101.6094



Tritanomaly

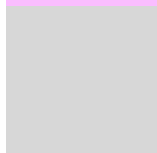
71.3014, 63.7778, 81.9512

Monochromacy



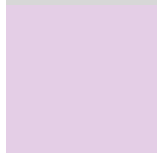
Original Color

75.6719, 63.9392, 102.9609



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

68.3491, 66.3498, 84.0673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6719, 63.9392, 102.9609 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, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 189, 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, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 189, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.6719, 63.9392, 102.9609 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, 189, 255) }
```


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

```
.border{ border-color:rgb(250, 189, 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, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 189,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6719, 63.9392, 102.9609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 189, 255) }
```

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

```
.background{ background-color: rgb(250,  
189, 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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