

Converting Colors

XYZ(75.4502, 62.1655, 98.1584)

Have a look what the booklet for
XYZ(75.4502, 62.1655, 98.1584)
contains.

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Color

**XYZ(75.4288, 62.0291,
98.4398)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7FA
RGB	255, 183, 250
RGB Percent	100%, 72%, 98%
CMY	0.0000, 0.2823, 0.0196
CMYK	0.00, 0.28, 0.02, 0.00
HSL	304°, 100%, 86%
HSV	304°, 28%, 100%
XYZ	75.4288, 62.0291, 98.4398
YIQ	212.1660, 21.4050, 36.1010

Conversions

Conversions Part 2

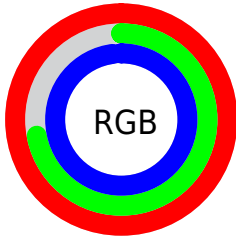
Format	Color
R_{YB}	255, 183, 250
Decimal	16758778
CIE _{Lab}	82.93, 36.50, -22.82
CIE _{LCh}	83, 43.047, 327.982
Yxy	62.0291, 0.3198, 0.2629
Android (android.graphics.Color)	4294948858 (0xFFFFB7FA)
YUV	212.1660, 18.6522, 37.5654
Hunter-Lab	78.7586, 33.1259, -18.9752

Details

The XYZ color **75.4288, 62.0291, 98.4398** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.3674, 85.2190, 60.6360**, and the grayscale version is **62.5609, 65.8190, 71.6769**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **40.5019, 31.4211, 54.3823** is the 20% darker color. If you saturate the color by 10%, you get **70.3618, 52.3371, 95.3882**, and if you desaturate by 10%, it is **81.4539, 73.6326, 101.8253**.

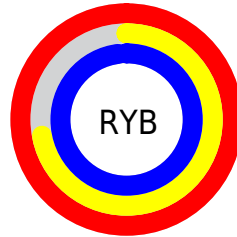
Distribution



Red (100%)

Green (72%)

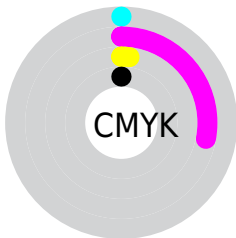
Blue (98%)



Red (100%)

Yellow (72%)

Blue (98%)

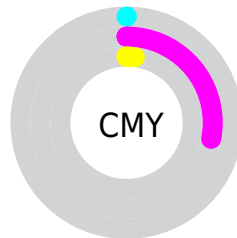


Cyan (0%)

Magenta (28%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4288, 62.0291, 98.4398 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 75.4288, 62.0291, 98.4398 by changing the saturation by 10% instead.


 75.4288, 62.0291,
98.4398

 75.4288, 62.0291,
98.4398


468.3646,
432.0372, 576.3827

 56.2597, 45.0562,
74.3886


 125.9038,
107.7676, 161.0446

 40.6490, 31.5017,
54.6134


157.9404,
137.3020, 200.4352

 28.2314, 20.9812,
38.6958


194.9969,
171.7923, 245.7761

 18.6415, 13.1102,
26.2171

237.4386,
211.6230, 297.4857

 11.5140, 7.5045,
16.7589

285.6308,
257.1785, 355.9827

 6.4835, 3.7796,
9.9026

339.9390,

 3.1847, 1.5510,

308.8431, 421.6855

5.2297

400.7285,
367.0012, 495.0126

■ 1.2522, 0.3242,
2.3216

■ 0.1470, 0.0000,
0.7433

■ 75.4288, 62.0291,
98.4398

■ 75.4288, 62.0291,
98.4398

■ 70.3618, 52.3371,
95.3882

■ 81.4539, 73.6326,
101.8253

■ 66.1973, 44.4462,
92.6494

■ 88.4806, 87.2354,
105.5568

■ 62.8804, 38.2462,
90.2059

95.0500, 100.0000,
108.9000

■ 60.3483, 33.6119,
88.0368

■ 58.5297, 30.4004,
86.1183

■ 57.3403, 28.4432,
84.4221

■ 56.6638, 27.5078,
82.9096

■ 56.5691, 27.3916,
82.6519

Harmonies

Analogous

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



67.7376, 62.0291, 123.5090



75.4288, 62.0291, 98.4398



78.6618, 62.0291, 69.3554

Triad

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



75.4288, 62.0291, 98.4398



59.5876, 62.0291, 28.2407



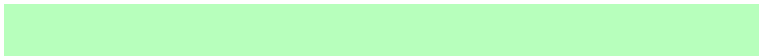
44.5529, 62.0291, 94.4855

Complementary

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



75.4288, 62.0291, 98.4398



64.3674, 85.2190, 60.6360

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.



42.8524, 62.0291, 65.7548



75.4288, 62.0291, 98.4398



50.9697, 62.0291, 31.6981

Square

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



75.4288, 62.0291, 98.4398



68.9390, 62.0291, 32.7978



45.0765, 62.0291, 43.8937



49.9880, 62.0291, 120.8364

Rectangle

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



75.4288, 62.0291, 98.4398



77.6227, 62.0291, 52.9502



45.0765, 62.0291, 43.8937



43.5523, 62.0291, 84.5882

Sweetspot

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



75.4302, 62.0315, 98.4411



88.6567, 87.5770, 105.6480



55.6758, 51.7560, 101.6632



18.7350, 18.2773, 22.4877



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.



75.4302, 62.0315, 98.4411



72.3939, 56.2145, 96.6411



70.3383, 59.9948, 71.6274



18.7350, 18.2773, 22.4877



29.5817, 14.3220, 43.3093



2.8960, 1.4008, 4.2995

Inverse Universe

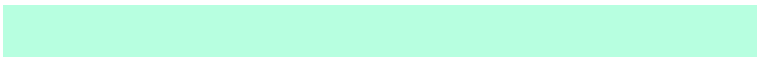
The Inverse Universe completely reimagines the original color for something new.



75.4302, 62.0315, 98.4411



72.3939, 56.2145, 96.6411



68.7176, 86.9591, 83.5436



18.7350, 18.2773, 22.4877



29.5817, 14.3220, 43.3093



2.8960, 1.4008, 4.2995

Previews

White Background



This preview shows how the XYZ color 75.4288, 62.0291, 98.4398 looks on a white background.

Color Contrast Check

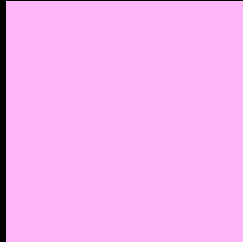
Large Text (above 18pt) WCAG AA × Fail

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 75.4288, 62.0291, 98.4398 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 75.4288, 62.0291, 98.4398

Background



This preview shows how black text looks on a background with the XYZ color 75.4288, 62.0291, 98.4398.

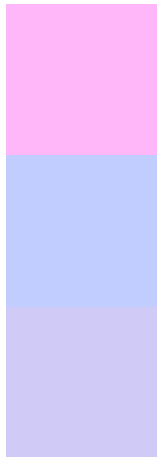


This preview shows how white text looks on a background with the XYZ color 75.4288, 62.0291,

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

75.4288, 62.0291, 98.4398

Protanopia

62.1295, 62.3520, 103.3683

Deuteranopia

63.7675, 62.3048, 95.8539



Tritanopia

68.8383, 61.8576, 66.7041

Trichromacy



Original Color

75.4288, 62.0291, 98.4398



Protanomaly

66.0148, 61.6233, 101.3436



Deuteranomaly

67.3549, 61.7532, 96.3653



Tritanomaly

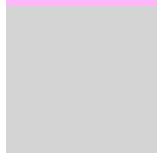
70.9517, 61.7496, 77.2865

Monochromacy



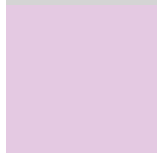
Original Color

75.4288, 62.0291, 98.4398



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

66.6090, 63.7583, 80.7474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4288, 62.0291, 98.4398 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, 183, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 250)  
}
```

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, 183, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 250) }
```

Border

The CSS property to change the border of an element to XYZ 75.4288, 62.0291, 98.4398 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, 183, 250) }
```


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

```
.border{ border-color:rgb(255, 183, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4288, 62.0291, 98.4398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 250) }
```

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

```
.background{ background-color: rgb(255,  
183, 250) }
```

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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