

Converting Colors

XYZ(83.6198, 66.9056, 99.3332)

Have a look what the booklet for
XYZ(83.6198, 66.9056, 99.3332)
contains.

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Color

**XYZ(75.8443, 62.8601,
98.5783)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB9FA
RGB	255, 185, 250
RGB Percent	100%, 73%, 98%
CMY	0.0000, 0.2745, 0.0196
CMYK	0.00, 0.27, 0.02, 0.00
HSL	304°, 100%, 86%
HSV	304°, 27%, 100%
XYZ	75.8443, 62.8601, 98.5783
YIQ	213.3400, 20.8550, 35.0550

Conversions

Conversions Part 2

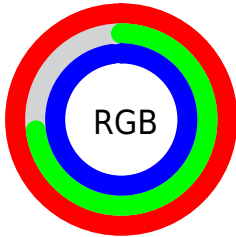
Format	Color
R _Y B	255, 185, 250
Decimal	16759290
CIE Lab	83.37, 35.45, -22.16
CIE LCh	83, 41.805, 327.997
Yxy	62.8601, 0.3196, 0.2649
Android (android.graphics.Color)	4294949370 (0xFFFFB9FA)
YUV	213.3400, 18.0734, 36.5358
Hunter-Lab	79.2844, 32.0074, -18.2192

Details

The XYZ color **75.8443, 62.8601, 98.5783** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.0638, 85.5529, 61.8021**, and the grayscale version is **63.3478, 66.6468, 72.5784**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **40.7679, 31.9532, 54.4710** is the 20% darker color. If you saturate the color by 10%, you get **70.6965, 53.0191, 95.4610**, and if you desaturate by 10%, it is **81.9542, 74.6204, 102.0316**.

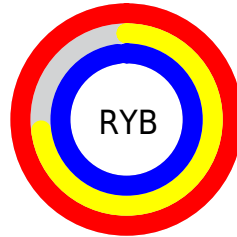
Distribution



Red (100%)

Green (73%)

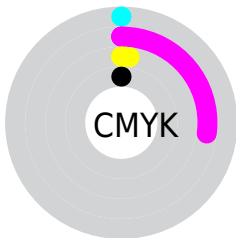
Blue (98%)



Red (100%)

Yellow (73%)

Blue (98%)

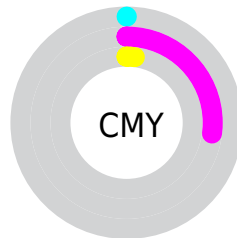


Cyan (0%)

Magenta (27%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8443, 62.8601, 98.5783 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 75.8443, 62.8601, 98.5783 by changing the saturation by 10% instead.


 75.8443, 62.8601,
98.5783

 75.8443, 62.8601,
98.5783

469.7671,
435.0616, 576.8326

 56.6015, 45.7280,
74.5035


 126.4883,
108.9677, 161.2369

 40.9242, 32.0313,
54.7070

158.6202,
138.7119, 200.6577

 28.4473, 21.3854,
38.7701


195.7791,
173.4291, 246.0310

 18.8053, 13.4060,
26.2745

238.3305,
213.5035, 297.7752

 11.6328, 7.7087,
16.8015

286.6396,
259.3195, 356.3089

 6.5646, 3.9091,
9.9326

341.0719,

 3.2352, 1.6229,

311.2617, 422.0507

5.2493

401.9926,
369.7142, 495.4191

■ 1.2793, 0.3729,
2.3330

■ 0.1677, 0.0000,
0.7496

■ 75.8443, 62.8601,
98.5783

■ 75.8443, 62.8601,
98.5783

■ 70.6965, 53.0191,
95.4610

■ 81.9542, 74.6204,
102.0316

■ 66.4556, 44.9877,
92.6587

■ 89.0695, 88.3872,
105.8328

■ 63.0670, 38.6565,
90.1540

95.0500, 100.0000,
108.9000

■ 60.4686, 33.9014,
87.9263

■ 58.5898, 30.5811,
85.9519

■ 57.3476, 28.5297,
84.2030

■ 56.6337, 27.5305,
82.6437

■ 56.4951, 27.3621,
82.2625

Harmonies

Analogous

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



68.3411, 62.8601, 122.8997



75.8443, 62.8601, 98.5783



78.9915, 62.8601, 70.2099

Triad

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



75.8443, 62.8601, 98.5783



60.3601, 62.8601, 29.5896



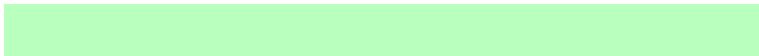
45.5925, 62.8601, 94.7609

Complementary

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



75.8443, 62.8601, 98.5783



65.0638, 85.5529, 61.8021

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.



43.9127, 62.8601, 66.7079



75.8443, 62.8601, 98.5783



51.9047, 62.8601, 33.0514

Square

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



75.8443, 62.8601, 98.5783



69.5059, 62.8601, 34.1409



46.1049, 62.8601, 45.1770



50.9465, 62.8601, 120.3311

Rectangle

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



75.8443, 62.8601, 98.5783



77.9776, 62.8601, 54.1013



46.1049, 62.8601, 45.1770



44.6048, 62.8601, 85.1209

Sweetspot

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



75.8457, 62.8626, 98.5796



88.6502, 87.5744, 105.6139



56.5536, 52.8254, 101.8234



18.7334, 18.2767, 22.4791



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.



75.8457, 62.8626, 98.5796



72.8719, 57.1681, 96.8083



70.8993, 60.8840, 72.5320



18.7334, 18.2767, 22.4791



29.5437, 14.3068, 43.1090



2.8927, 1.3994, 4.2822

Inverse Universe

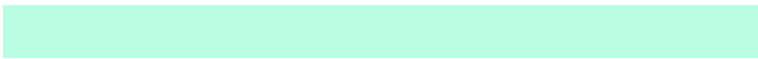
The Inverse Universe completely reimagines the original color for something new.



75.8457, 62.8626, 98.5796



72.8719, 57.1681, 96.8083



69.3145, 87.2532, 84.1861



18.7334, 18.2767, 22.4791



29.5437, 14.3068, 43.1090



2.8927, 1.3994, 4.2822

Previews

White Background



This preview shows how the XYZ color 75.8443, 62.8601, 98.5783 looks on a white background.

Color Contrast Check

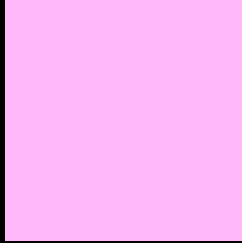
Large Text (above 18pt) WCAG AA × Fail

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 75.8443, 62.8601, 98.5783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

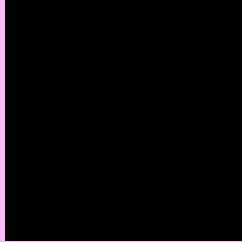
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8443, 62.8601, 98.5783

Background



This preview shows how black text looks on a background with the XYZ color 75.8443, 62.8601, 98.5783.



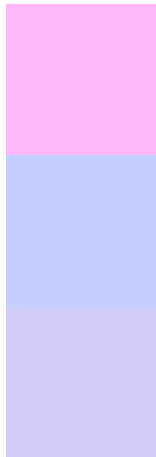
This preview shows how white text looks on a background with the XYZ color 75.8443, 62.8601,

98.5783.

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

75.8443, 62.8601, 98.5783

Protanopia

62.8863, 63.0984, 103.4725

Deuteranopia

64.4389, 62.9826, 96.7562



Tritanopia

69.5221, 62.8337, 68.1384

Trichromacy



Original Color

75.8443, 62.8601, 98.5783



Protanomaly

66.5390, 62.2317, 101.4334



Deuteranomaly

68.0472, 62.4259, 97.2699



Tritanomaly

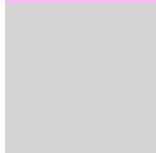
71.5164, 62.6639, 78.1380

Monochromacy



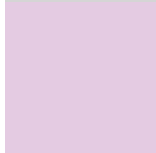
Original Color

75.8443, 62.8601, 98.5783



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

67.0783, 64.6968, 80.9038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8443, 62.8601, 98.5783 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, 185, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 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, 185, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 250) }
```

Border

The CSS property to change the border of an element to XYZ 75.8443, 62.8601, 98.5783 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, 185, 250) }
```


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

```
.border{ border-color:rgb(255, 185, 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, 185, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8443, 62.8601, 98.5783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 250) }
```

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

```
.background{ background-color: rgb(255,  
185, 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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