

Converting Colors

XYZ(71.2400, 62.8595, 77.4856)

Have a look what the booklet for
XYZ(71.2400, 62.8595, 77.4856)
contains.

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Color

**XYZ(71.2400, 62.8595,
77.4856)**

Conversions

Conversions Part 1

Format	Color
Hex	FABFDE
RGB	250, 191, 222
RGB Percent	98%, 75%, 87%
CMY	0.0196, 0.2510, 0.1294
CMYK	0.00, 0.24, 0.11, 0.02
HSL	328°, 86%, 86%
HSV	328°, 24%, 98%
XYZ	71.2400, 62.8595, 77.4856
YIQ	212.1750, 25.2130, 22.1490

Conversions

Conversions Part 2

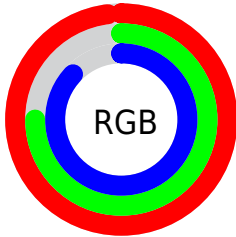
Format	Color
R _Y B	250, 191, 222
Decimal	16433118
CIE Lab	83.37, 25.87, -7.23
CIE LCh	83, 26.865, 344.377
Yxy	62.8595, 0.3367, 0.2971
Android (android.graphics.Color)	4294623198 (0xFFFABFDE)
YUV	212.1750, 4.8437, 33.1725
Hunter-Lab	79.2840, 21.6428, -2.4463

Details

The XYZ color **71.2400, 62.8595, 77.4856** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.4602, 84.5639, 79.7360**, and the grayscale version is **62.6542, 65.9171, 71.7838**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **37.9130, 32.0188, 40.7412** is the 20% darker color. If you saturate the color by 10%, you get **64.7118, 52.2586, 67.7378**, and if you desaturate by 10%, it is **78.8143, 75.3718, 88.1357**.

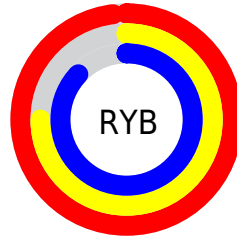
Distribution



Red (98%)

Green (75%)

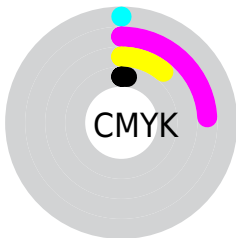
Blue (87%)



Red (98%)

Yellow (75%)

Blue (87%)

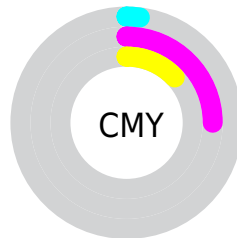


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (2%)



Cyan (2%)


Magenta (25%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2400, 62.8595, 77.4856 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 71.2400, 62.8595, 77.4856 by changing the saturation by 10% instead.


 71.2400, 62.8595,
77.4856

 71.2400, 62.8595,
77.4856


454.0908,
435.0594, 505.8997

 52.8213, 45.7276,
57.1376


 119.9921,
108.9668, 131.6040

 37.8871, 32.0309,
40.7056

151.0561,
138.7109, 166.2114

 26.0719, 21.3851,
27.7712


187.0661,
173.4279, 206.4091

 17.0104, 13.4058,
17.9157

228.3872,
213.5021, 252.6155

 10.3372, 7.7086,
10.7207

275.3849,
259.3180, 305.2493

 5.6871, 3.9090,
5.7675


328.4244,


 2.6946, 1.6228,

311.2599, 364.7288


2.6377


387.8713,
369.7122, 431.4728


 0.9944, 0.3729,
0.9118


 0.0000, 0.0000,
0.0000


 71.2400, 62.8595,
77.4856


 71.2400, 62.8595,
77.4856


 64.7118, 52.2586,
67.7378


 78.8143, 75.3718,
88.1357

 59.1748, 43.4653,
58.8606

 87.4753, 89.8757,
99.7106

 54.5769, 36.3787,
50.8258

 93.2348, 99.0642,
108.8150

 50.8590, 30.8844,
43.6016

■ 47.9550, 26.8539,
37.1534

■ 45.7883, 24.1386,
31.4428

■ 44.2662, 22.5574,
26.4255

■ 43.5451, 21.9724,
23.5425

Harmonies

Analogous

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



67.9584, 62.8595, 94.1317



71.2400, 62.8595, 77.4856



71.3112, 62.8595, 60.7563

Triad

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



71.2400, 62.8595, 77.4856



56.9979, 62.8595, 41.7524



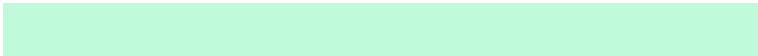
52.0655, 62.8595, 93.5204

Complementary

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



71.2400, 62.8595, 77.4856



68.4602, 84.5639, 79.7360

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.



49.5042, 62.8595, 76.7529



71.2400, 62.8595, 77.4856



52.2235, 62.8595, 47.9133

Square

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



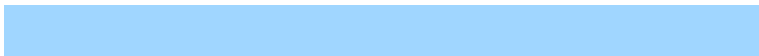
71.2400, 62.8595, 77.4856



62.8252, 62.8595, 41.8829



49.5601, 62.8595, 60.1334



56.7693, 62.8595, 104.3685

Rectangle

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



71.2400, 62.8595, 77.4856



69.5133, 62.8595, 51.8261



49.5601, 62.8595, 60.1334



50.9395, 62.8595, 88.2795

Sweetspot

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



71.2418, 62.8623, 77.4869



88.2834, 88.6016, 100.0632



64.9619, 59.1547, 98.4376



18.7772, 18.7647, 21.2594



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.



71.2418, 62.8623, 77.4869



71.3637, 60.6015, 76.4213



67.6794, 61.4374, 58.7274



17.6256, 17.3776, 19.8842



23.1708, 11.6840, 12.8737



2.1996, 1.1036, 1.4746

Inverse Universe

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



71.2418, 62.8623, 77.4869



71.3637, 60.6015, 76.4213



72.6220, 86.2286, 101.6514



17.6256, 17.3776, 19.8842



23.1708, 11.6840, 12.8737



2.1996, 1.1036, 1.4746

Previews

White Background



This preview shows how the XYZ color 71.2400, 62.8595, 77.4856 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 71.2400, 62.8595, 77.4856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

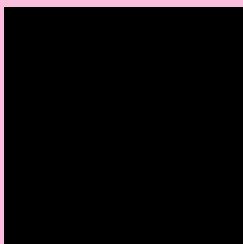
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.2400, 62.8595, 77.4856

Background



This preview shows how black text looks on a background with the XYZ color 71.2400, 62.8595, 77.4856.



This preview shows how white text looks on a background with the XYZ color 71.2400, 62.8595,

77.4856.

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

71.2400, 62.8595, 77.4856

Protanopia

62.0551, 63.4310, 85.3167

Deuteranopia

64.4702, 63.0963, 76.4910



Tritanopia

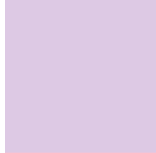
69.1665, 62.6505, 68.1218

Trichromacy



Original Color

71.2400, 62.8595, 77.4856



Protanomaly

64.7090, 62.7469, 82.0996



Deuteranomaly

66.8495, 62.9323, 77.0304



Tritanomaly

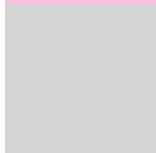
69.9268, 62.6431, 71.3566

Monochromacy



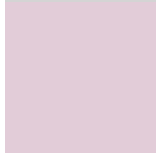
Original Color

71.2400, 62.8595, 77.4856



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

65.3516, 64.3124, 73.9349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2400, 62.8595, 77.4856 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, 191, 222)` looks like.

```
.text, #text, p{  
    color:rgb(250, 191, 222)  
}
```

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, 191, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 191, 222) }
```

Border

The CSS property to change the border of an element to XYZ 71.2400, 62.8595, 77.4856 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, 191, 222) }
```


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

```
.border{ border-color:rgb(250, 191, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 191, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 191, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 191, 222);  
box-shadow:4px 4px 4px 4px rgb(250, 191,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2400, 62.8595, 77.4856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 191, 222) }
```

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

```
.background{ background-color: rgb(250,  
191, 222) }
```

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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