

Converting Colors

XYZ(71.8884, 62.9707,
102.9734)

Have a look what the booklet for
XYZ(71.8884, 62.9707, 102.9734)
contains.

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Color

**XYZ(71.8247, 62.9238,
102.9677)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC0FF
RGB	237, 192, 255
RGB Percent	93%, 75%, 100%
CMY	0.0706, 0.2470, 0.0000
CMYK	0.07, 0.25, 0.00, 0.00
HSL	283°, 100%, 88%
HSV	283°, 25%, 100%
XYZ	71.8247, 62.9238, 102.9677
YIQ	212.6370, 6.5970, 29.1330

Conversions

Conversions Part 2

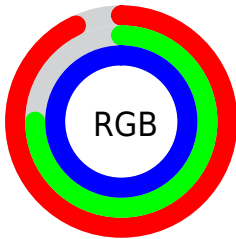
Format	Color
R _Y B	237, 192, 255
Decimal	15581439
CIE Lab	83.40, 26.97, -24.93
CIE LCh	83, 36.722, 317.249
Yxy	62.9238, 0.3021, 0.2647
Android (android.graphics.Color)	4293771519 (0xFFEDC0FF)
YUV	212.6370, 20.8850, 21.3664
Hunter-Lab	79.3245, 22.8056, -21.4346

Details

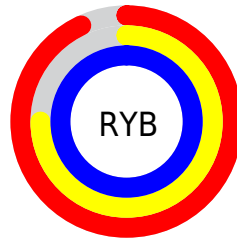
The XYZ color **71.8247, 62.9238, 102.9677** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.8542, 89.0281, 63.2692**, and the grayscale version is **62.8671, 66.1410, 72.0276**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **38.3376, 32.0779, 57.5971** is the 20% darker color. If you saturate the color by 10%, you get **64.3205, 51.4526, 101.1490**, and if you desaturate by 10%, it is **80.4013, 76.3911, 105.1151**.

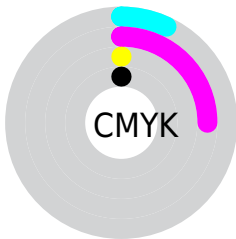
Distribution



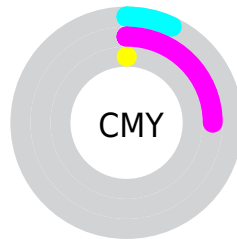
- Red (93%)
- Green (75%)
- Blue (100%)



- Red (93%)
- Yellow (75%)
- Blue (100%)



- Cyan (7%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8247, 62.9238, 102.9677 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 71.8247, 62.9238, 102.9677 by changing the saturation by 10% instead.

71.8247, 62.9238,
102.9677

71.8247, 62.9238,
102.9677

456.0983,
435.2929, 590.9938

53.3004, 45.7796,
78.1506

120.8194,
109.0596, 167.3169

38.2711, 32.0719,
57.6806

152.0206,
138.8199, 207.6861

26.3713, 21.4164,
41.1389

188.1781,
173.5544, 254.0764

17.2358, 13.4287,
28.1071

229.6573,
213.6474, 306.9064

10.4991, 7.7244,
18.1667

276.8236,
259.4834, 366.5946

5.7959, 3.9191,
10.8990

330.0423,

2.7608, 1.6284,

311.4467, 433.5595

5.8857

389.6787,
369.9217, 508.2197

■ 1.0286, 0.3767,
2.7080

■ 0.0000, 0.0000,
0.9475

■ 71.8247, 62.9238,
102.9677

■ 71.8247, 62.9238,
102.9677

■ 64.3205, 51.4526,
101.1490

■ 80.4013, 76.3911,
105.1151

■ 57.8320, 41.8690,
99.6412

■ 90.0925, 91.9401,
107.6056

■ 52.3056, 34.0661,
98.4264

95.0500, 100.0000,
108.9000

■ 47.6797, 27.9228,
97.4844

■ 43.8852, 23.3027,
96.7926

■ 40.8418, 20.0469,
96.3246

■ 38.4510, 17.9605,
96.0479

■ 37.3757, 17.1828,
95.9544

Harmonies

Analogous

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



64.4839, 62.9238, 119.7669



71.8247, 62.9238, 102.9677



76.0943, 62.9238, 78.7008

Triad

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



71.8247, 62.9238, 102.9677



63.2659, 62.9238, 33.9104



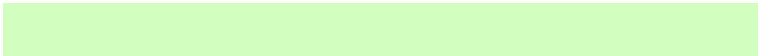
46.2904, 62.9238, 82.4196

Complementary

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



71.8247, 62.9238, 102.9677



71.8542, 89.0281, 63.2692

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.



46.0276, 62.9238, 59.2453



71.8247, 62.9238, 102.9677



55.3623, 62.9238, 34.4732

Square

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



71.8247, 62.9238, 102.9677



70.8649, 62.9238, 40.9954



49.2110, 62.9238, 42.7554



49.9641, 62.9238, 106.2077

Rectangle

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



71.8247, 62.9238, 102.9677



76.3957, 62.9238, 63.1052



49.2110, 62.9238, 42.7554



45.8127, 62.9238, 74.2219

Sweetspot

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



71.8265, 62.9264, 102.9681



87.7662, 88.1808, 107.0026



63.0599, 64.9678, 103.8242



18.6568, 18.6668, 22.8697



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.



71.8265, 62.9264, 102.9681



67.7212, 56.6079, 101.9649



76.1781, 65.3965, 92.9283



18.2573, 18.0244, 22.7667



19.6840, 9.0580, 50.1455



2.0242, 0.9375, 4.8875

Inverse Universe

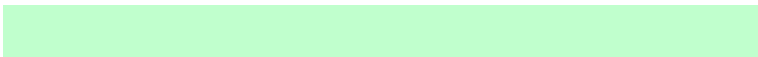
The Inverse Universe completely reimagines the original color for something new.



71.7240, 63.6148, 69.4734



67.7271, 57.4870, 62.3887



68.4712, 87.1158, 70.7136



18.2227, 18.0724, 19.7900



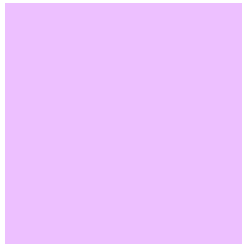
22.2298, 11.3812, 4.5947



2.2091, 1.1260, 0.6824

Previews

White Background



This preview shows how the XYZ color 71.8247, 62.9238, 102.9677 looks on a white background.

Color Contrast Check

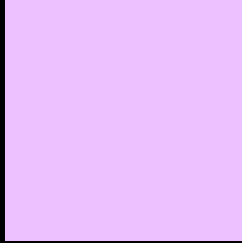
Large Text (above 18pt) WCAG AA × Fail

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 71.8247, 62.9238, 102.9677 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 71.8247, 62.9238, 102.9677

Background



This preview shows how black text looks on a background with the XYZ color 71.8247, 62.9238, 102.9677.

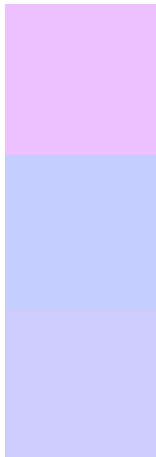


This preview shows how white text looks on a background with the XYZ color 71.8247, 62.9238,

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

71.8247, 62.9238, 102.9677

Protanopia

62.8863, 63.0984, 103.4725

Deuteranopia

64.7761, 63.3994, 101.7517



Tritanopia

65.6442, 62.7421, 72.9406

Trichromacy



Original Color

71.8247, 62.9238, 102.9677



Protanomaly

65.8006, 62.8422, 103.2694



Deuteranomaly

67.1589, 63.2160, 102.4282



Tritanomaly

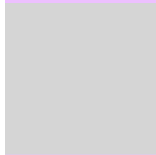
67.6271, 62.5167, 83.3655

Monochromacy



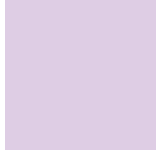
Original Color

71.8247, 62.9238, 102.9677



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

65.9591, 64.7937, 82.4288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8247, 62.9238, 102.9677 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(237, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 192, 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(237, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 192, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.8247, 62.9238, 102.9677 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(237, 192, 255) }
```


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

```
.border{ border-color:rgb(237, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 192,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8247, 62.9238, 102.9677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 192, 255) }
```

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

```
.background{ background-color: rgb(237,  
192, 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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