

Converting Colors

XYZ(73.4162, 63.5018,
102.9954)

Have a look what the booklet for
XYZ(73.4162, 63.5018, 102.9954)
contains.

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Color

**XYZ(73.2988, 63.3588,
102.9740)**

Conversions

Conversions Part 1

Format	Color
Hex	F2BFFF
RGB	242, 191, 255
RGB Percent	95%, 75%, 100%
CMY	0.0510, 0.2510, 0.0000
CMYK	0.05, 0.25, 0.00, 0.00
HSL	288°, 100%, 87%
HSV	288°, 25%, 100%
XYZ	73.2988, 63.3588, 102.9740
YIQ	213.5450, 9.8520, 30.7160

Conversions

Conversions Part 2

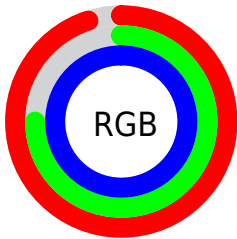
Format	Color
R _Y B	242, 191, 255
Decimal	15908863
CIE _{Lab}	83.63, 29.07, -24.54
CIE _{LCh}	84, 38.045, 319.838
Y _{xy}	63.3588, 0.3059, 0.2644
Android (android.graphics.Color)	4294098943 (0xFFFF2BFFF)
Y _{UV}	213.5450, 20.4373, 24.9550
Hunter-Lab	79.5982, 25.0765, -20.9830

Details

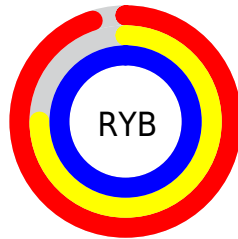
The XYZ color **73.2988, 63.3588, 102.9740** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.0672, 88.1196, 62.6090**, and the grayscale version is **63.4751, 66.7807, 72.7242**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **39.1463, 32.2828, 57.5941** is the 20% darker color. If you saturate the color by 10%, you get **66.4624, 52.2869, 101.1972**, and if you desaturate by 10%, it is **81.1572, 76.3981, 105.0766**.

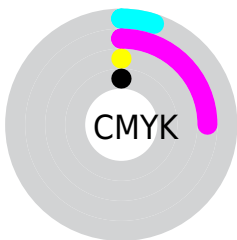
Distribution



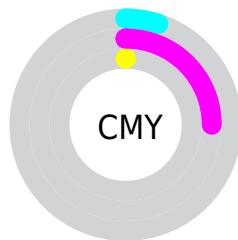
- Red (95%)
- Green (75%)
- Blue (100%)



- Red (95%)
- Yellow (75%)
- Blue (100%)



- Cyan (5%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2988, 63.3588, 102.9740 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 73.2988, 63.3588, 102.9740 by changing the saturation by 10% instead.

73.2988, 63.3588,
102.9740

73.2988, 63.3588,
102.9740

461.1375,
436.8705, 591.0140

54.5096, 46.1315,
78.1559

122.9022,
109.6870, 167.3256

39.2415, 32.3496,
57.6848

154.4470,
139.5567, 207.6961

27.1292, 21.6287,
41.1423

190.9744,
174.4093, 254.0879

17.8074, 13.5843,
28.1098

232.8497,
214.6293, 306.9194

10.9106, 7.8321,
18.1686

280.4384,
260.6010, 366.6093

6.0736, 3.9877,
10.9004

334.1056,

2.9310, 1.6667,

312.7089, 433.5759

5.8866

394.2169,
371.3372, 508.2380

■ 1.1174, 0.4020,
2.7086

■ 0.0396, 0.0000,
0.9477

■ 73.2988, 63.3588,
102.9740

■ 73.2988, 63.3588,
102.9740

■ 66.4624, 52.2869,
101.1972

■ 81.1572, 76.3981,
105.0766

■ 60.5920, 43.0739,
99.7283

■ 90.0793, 91.4901,
107.5194

■ 55.6343, 35.6128,
98.5495

95.0500, 100.0000,
108.9000

■ 51.5285, 29.7826,
97.6405

■ 48.2058, 25.4463,
96.9786

■ 45.5863, 22.4446,
96.5373

■ 43.5712, 20.5811,
96.2838

■ 42.7352, 19.9457,
96.2052

Harmonies

Analogous

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



65.8170, 63.3588, 121.7108



73.2988, 63.3588, 102.9740



77.3883, 63.3588, 77.3946

Triad

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



73.2988, 63.3588, 102.9740



63.0889, 63.3588, 32.9899



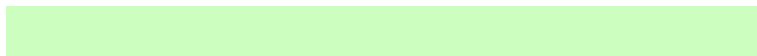
46.3851, 63.3588, 85.7405

Complementary

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



73.2988, 63.3588, 102.9740



70.0672, 88.1196, 62.6090

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.



45.8005, 63.3588, 61.2114



73.2988, 63.3588, 102.9740



54.9509, 63.3588, 34.2288

Square

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



73.2988, 63.3588, 102.9740



71.1442, 63.3588, 39.5518



48.7987, 63.3588, 43.4457



50.4766, 63.3588, 110.2803

Rectangle

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



73.2988, 63.3588, 102.9740



77.4069, 63.3588, 61.4480



48.7987, 63.3588, 43.4457



45.7874, 63.3588, 77.1186

Sweetspot

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



73.3006, 63.3614, 102.9744



87.3760, 86.8905, 106.7741



61.3375, 61.8978, 103.3224



18.4101, 18.1031, 22.7739



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.



73.3006, 63.3614, 102.9744



69.8230, 57.6914, 102.0632



75.1387, 64.6305, 88.5345



18.4101, 18.1031, 22.7739



22.4565, 10.4872, 50.2752



2.2736, 1.0660, 4.8992

Inverse Universe

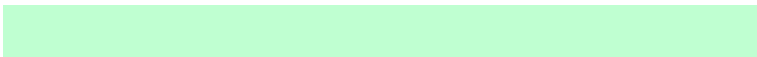
The Inverse Universe completely reimagines the original color for something new.



70.7713, 62.8836, 65.5363



67.0019, 57.1969, 58.5699



68.7727, 87.2073, 73.6185



18.1602, 18.0474, 19.4609



21.9124, 11.2543, 2.9233



2.1704, 1.1106, 0.4790

Previews

White Background



This preview shows how the XYZ color 73.2988, 63.3588, 102.9740 looks on a white background.

Color Contrast Check

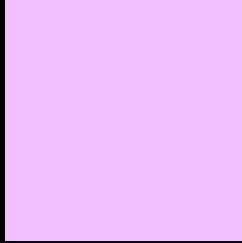
Large Text (above 18pt) WCAG AA × Fail

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 73.2988, 63.3588, 102.9740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

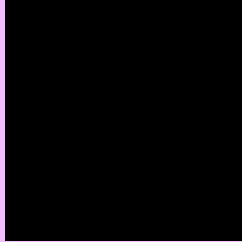
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.2988, 63.3588, 102.9740

Background



This preview shows how black text looks on a background with the XYZ color 73.2988, 63.3588, 102.9740.

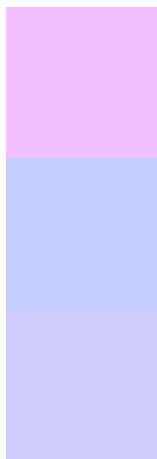


This preview shows how white text looks on a background with the XYZ color 73.2988, 63.3588,

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

73.2988, 63.3588, 102.9740

Protanopia

63.3888, 63.7160, 103.5652

Deuteranopia

64.8957, 63.4794, 100.9278



Tritanopia

67.1531, 63.5348, 72.3424

Trichromacy



Original Color

73.2988, 63.3588, 102.9740



Protanomaly

66.3772, 63.1394, 103.2964



Deuteranomaly

67.6682, 63.1543, 101.5520



Tritanomaly

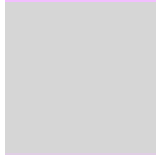
69.1427, 63.3141, 82.7054

Monochromacy



Original Color

73.2988, 63.3588, 102.9740



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

66.9546, 65.6470, 83.2710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2988, 63.3588, 102.9740 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(242, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 191, 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(242, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 191, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.2988, 63.3588, 102.9740 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(242, 191, 255) }
```


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

```
.border{ border-color:rgb(242, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 191,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2988, 63.3588, 102.9740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 191, 255) }
```

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

```
.background{ background-color: rgb(242,  
191, 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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