

Converting Colors

XYZ(71.4228, 62.8646, 82.9722)

Have a look what the booklet for
XYZ(71.4228, 62.8646, 82.9722)
contains.

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Color

**XYZ(71.6251, 62.9312,
83.2348)**

Conversions

Conversions Part 1

Format	Color
Hex	F8BFE6
RGB	248, 191, 230
RGB Percent	97%, 75%, 90%
CMY	0.0274, 0.2510, 0.0980
CMYK	0.00, 0.23, 0.07, 0.03
HSL	319°, 80%, 86%
HSV	319°, 23%, 97%
XYZ	71.6251, 62.9312, 83.2348
YIQ	212.4890, 21.4530, 24.2130

Conversions

Conversions Part 2

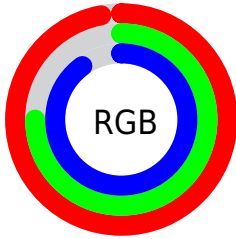
Format	Color
R_{YB}	248, 191, 230
Decimal	16302054
CIE _{Lab}	83.41, 26.53, -11.48
CIE _{LCh}	83, 28.904, 336.596
Yxy	62.9312, 0.3289, 0.2890
Android (android.graphics.Color)	4294492134 (0xFFF8BFE6)
YUV	212.4890, 8.6329, 31.1431
Hunter-Lab	79.3292, 22.3388, -6.6786

Details

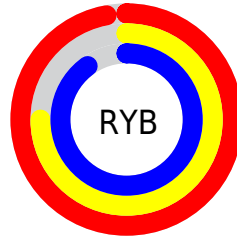
The XYZ color **71.6251, 62.9312, 83.2348** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.5644, 82.8164, 72.8021**, and the grayscale version is **62.8405, 66.1131, 71.9972**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **38.0715, 32.0237, 44.2190** is the 20% darker color. If you saturate the color by 10%, you get **65.5929, 52.5869, 75.9192**, and if you desaturate by 10%, it is **78.6261, 75.1322, 91.1186**.

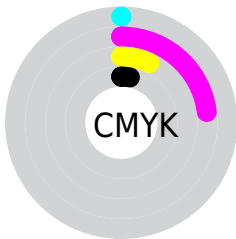
Distribution



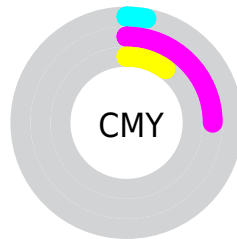
- Red (97%)
- Green (75%)
- Blue (90%)



- Red (97%)
- Yellow (75%)
- Blue (90%)



- Cyan (0%)
- Magenta (23%)
- Yellow (7%)
- Black (3%)



- Cyan (3%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6251, 62.9312, 83.2348 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 71.6251, 62.9312, 83.2348 by changing the saturation by 10% instead.

71.6251, 62.9312,
83.2348

71.6251, 62.9312,
83.2348

455.4136,
435.3198, 525.7602

53.1368, 45.7856,
61.8421

120.5371,
109.0702, 139.7564

38.1399, 32.0766,
44.4702

151.6915,
138.8324, 175.7225

26.2690, 21.4200,
30.7004

187.7987,
173.5689, 217.3834

17.1587, 13.4314,
20.1143

229.2240,
213.6641, 265.1578

10.4437, 7.7263,
12.2932

276.3328,
259.5024, 319.4641

5.7587, 3.9203,
6.8188

329.4904,

2.7382, 1.6291,

311.4682, 380.7209

3.2723

389.0622,
369.9458, 449.3468

■ 1.0169, 0.3771,
1.2353

■ 0.0000, 0.0000,
0.0079

■ 71.6251, 62.9312,
83.2348

■ 71.6251, 62.9312,
83.2348

■ 65.5929, 52.5869,
75.9192

■ 78.6261, 75.1322,
91.1186

■ 60.4773, 43.9985,
69.1491

■ 86.6339, 89.2675,
99.5842

■ 56.2292, 37.0683,
62.9057

■ 92.2809, 98.6003,
107.5129

■ 52.7929, 31.6856,
57.1670

■ 92.5218, 98.6967,
108.7817

■ 50.1057, 27.7261,
51.9088

■ 48.0951, 25.0464,
47.1036

■ 46.6737, 23.4723,
42.7186

■ 45.9372, 22.8468,
39.8599

Harmonies

Analogous

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



67.3249, 62.9312, 100.2931



71.6251, 62.9312, 83.2348



72.6628, 62.9312, 64.6159

Triad

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



71.6251, 62.9312, 83.2348



58.4345, 62.9312, 39.5306



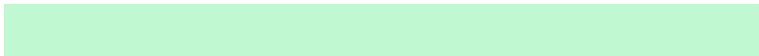
50.6125, 62.9312, 91.3366

Complementary

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



71.6251, 62.9312, 83.2348



66.5644, 82.8164, 72.8021

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.



48.5773, 62.9312, 72.5811



71.6251, 62.9312, 83.2348



52.8840, 62.9312, 44.2868

Square

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



71.6251, 62.9312, 83.2348



64.7524, 62.9312, 41.3762



49.3788, 62.9312, 55.6529



55.1337, 62.9312, 105.5147

Rectangle

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



71.6251, 62.9312, 83.2348



71.3043, 62.9312, 54.1433



49.3788, 62.9312, 55.6529



49.6300, 62.9312, 85.2431

Sweetspot

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



71.6270, 62.9340, 83.2361



88.7232, 88.7775, 102.3790



61.6173, 57.4665, 96.6525



18.8791, 18.8054, 21.7961



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.



71.6270, 62.9340, 83.2361



72.9271, 61.2269, 84.6544



68.0525, 61.5042, 64.4135



17.7461, 17.4258, 20.5186



24.8814, 12.3683, 21.8817



2.3524, 1.1647, 2.2793

Inverse Universe

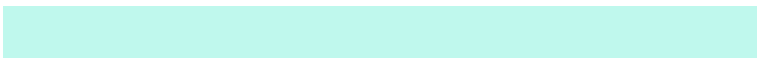
The Inverse Universe completely reimagines the original color for something new.



71.6270, 62.9340, 83.2361



72.9271, 61.2269, 84.6544



70.2830, 84.3038, 92.3842



17.7461, 17.4258, 20.5186



24.8814, 12.3683, 21.8817



2.3524, 1.1647, 2.2793

Previews

White Background



This preview shows how the XYZ color 71.6251, 62.9312, 83.2348 looks on a white background.

Color Contrast Check

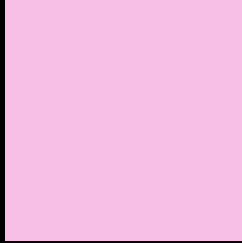
Large Text (above 18pt) WCAG AA × Fail

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 71.6251, 62.9312, 83.2348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

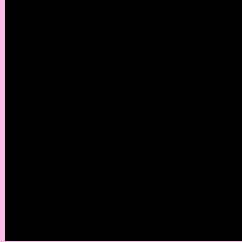
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.6251, 62.9312, 83.2348

Background



This preview shows how black text looks on a background with the XYZ color 71.6251, 62.9312, 83.2348.



This preview shows how white text looks on a background with the XYZ color 71.6251, 62.9312,

83.2348.

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

71.6251, 62.9312, 83.2348

Protanopia

62.1566, 62.9904, 91.3204

Deuteranopia

64.3375, 62.9026, 82.1492



Tritanopia

68.8042, 63.0958, 69.5251

Trichromacy



Original Color

71.6251, 62.9312, 83.2348

Protanomaly

65.2404, 62.8895, 88.0572

Deuteranomaly

66.9701, 62.8683, 82.7338

Tritanomaly

69.8222, 63.1862, 74.1618

Monochromacy



Original Color

71.6251, 62.9312, 83.2348

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

65.4304, 64.3078, 75.9819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6251, 62.9312, 83.2348 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(248, 191, 230)` looks like.

```
.text, #text, p{  
    color:rgb(248, 191, 230)  
}
```

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(248, 191, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 191, 230) }
```

Border

The CSS property to change the border of an element to XYZ 71.6251, 62.9312, 83.2348 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(248, 191, 230) }
```


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

```
.border{ border-color:rgb(248, 191, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 191, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 191, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 191, 230);  
box-shadow:4px 4px 4px 4px rgb(248, 191,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6251, 62.9312, 83.2348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 191, 230) }
```

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

```
.background{ background-color: rgb(248,  
191, 230) }
```

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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