

Converting Colors

XYZ(70.3730, 62.0352, 79.5106)

Have a look what the booklet for
XYZ(70.3730, 62.0352, 79.5106)
contains.

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Color

**XYZ(70.3618, 62.0373,
79.5001)**

Conversions

Conversions Part 1

Format	Color
Hex	F7BEE1
RGB	247, 190, 225
RGB Percent	97%, 75%, 88%
CMY	0.0314, 0.2549, 0.1176
CMYK	0.00, 0.23, 0.09, 0.03
HSL	323°, 78%, 86%
HSV	323°, 23%, 97%
XYZ	70.3618, 62.0373, 79.5001
YIQ	211.0330, 22.7370, 22.9690

Conversions

Conversions Part 2

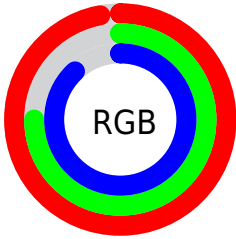
Format	Color
R_{YB}	247, 190, 225
Decimal	16236257
CIE _{Lab}	82.93, 25.87, -9.52
CIE _{LCh}	83, 27.569, 339.800
Yxy	62.0373, 0.3321, 0.2928
Android (android.graphics.Color)	4294426337 (0xFFFF7BEE1)
YUV	211.0330, 6.8857, 31.5431
Hunter-Lab	78.7638, 21.6223, -4.7097

Details

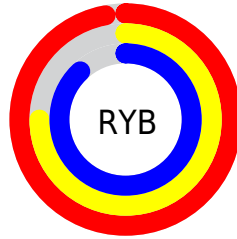
The XYZ color **70.3618, 62.0373, 79.5001** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.3821, 82.2238, 74.6631**, and the grayscale version is **61.8856, 65.1085, 70.9032**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **37.2951, 31.4577, 42.1365** is the 20% darker color. If you saturate the color by 10%, you get **64.1943, 51.7254, 71.2057**, and if you desaturate by 10%, it is **77.5121, 74.1969, 88.4818**.

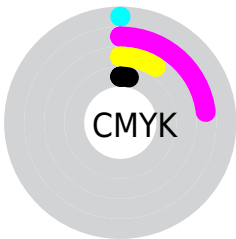
Distribution



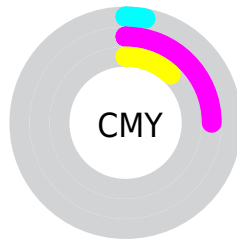
- Red (97%)
- Green (75%)
- Blue (88%)



- Red (97%)
- Yellow (75%)
- Blue (88%)



- Cyan (0%)
- Magenta (23%)
- Yellow (9%)
- Black (3%)





- Cyan (3%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.3618, 62.0373, 79.5001 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 70.3618, 62.0373, 79.5001 by changing the saturation by 10% instead.


 70.3618, 62.0373,
79.5001

 70.3618, 62.0373,
79.5001


451.0660,
432.0671, 512.9088

 52.1022, 45.0628,
58.7833


 118.7480,
107.7794, 134.4677

 37.3111, 31.5069,
42.0199


149.6054,
137.3159, 169.5556

 25.6233, 20.9852,
28.7912


185.3927,
171.8085, 210.2710

 16.6732, 13.1132,
18.6787

226.4753,
211.6416, 257.0324

 10.0956, 7.5065,
11.2639

273.2185,
257.1996, 310.2583

 5.5252, 3.7808,
6.1282


325.9878,

 2.5965, 1.5517,


308.8670, 370.3674


2.8531


385.1485,
367.0280, 437.7780


 0.9441, 0.3247,
1.0201


 0.0000, 0.0000,
0.0000


 70.3618, 62.0373,
79.5001


 70.3618, 62.0373,
79.5001


 64.1943, 51.7254,
71.2057


 77.5121, 74.1969,
88.4818


 58.9574, 43.1610,
63.5734

 85.6833, 88.2812,
98.1672

 54.6019, 36.2471,
56.5815

 91.9441, 98.4247,
107.5852

 51.0720, 30.8737,
50.2054

 92.1681, 98.5143,
108.7651

■ 48.3048, 26.9176,
44.4177

■ 46.2282, 24.2361,
39.1881

■ 44.7544, 22.6562,
34.4807

■ 43.9978, 22.0302,
31.4934

Harmonies

Analogous

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



66.5922, 62.0373, 95.9650



70.3618, 62.0373, 79.5001



70.9671, 62.0373, 62.1250

Triad

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



70.3618, 62.0373, 79.5001



57.0393, 62.0373, 40.1409



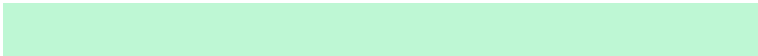
50.6076, 62.0373, 90.7573

Complementary

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



70.3618, 62.0373, 79.5001



66.3821, 82.2238, 74.6631

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.



48.3980, 62.0373, 73.2779



70.3618, 62.0373, 79.5001



51.9429, 62.0373, 45.3803

Square

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



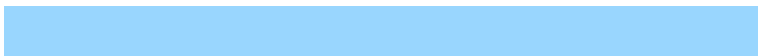
70.3618, 62.0373, 79.5001



63.0022, 62.0373, 41.2368



48.8698, 62.0373, 56.8583



55.1033, 62.0373, 103.1843

Rectangle

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



70.3618, 62.0373, 79.5001



69.4557, 62.0373, 52.5432



48.8698, 62.0373, 56.8583



49.5870, 62.0373, 85.1679

Sweetspot

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



70.3636, 62.0401, 79.5014



88.5280, 88.6994, 101.3512



62.3127, 57.5202, 95.8148



18.8339, 18.7873, 21.5578



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.



70.3636, 62.0401, 79.5014



72.2235, 60.9454, 80.9489



66.8114, 60.6192, 60.7958



16.9268, 16.6536, 19.3609



23.3404, 11.6796, 17.0327



2.1016, 1.0466, 1.7612

Inverse Universe

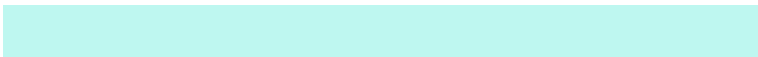
The Inverse Universe completely reimagines the original color for something new.



70.3636, 62.0401, 79.5014



72.2235, 60.9454, 80.9489



70.2782, 83.7822, 95.1797



16.9268, 16.6536, 19.3609



23.3404, 11.6796, 17.0327



2.1016, 1.0466, 1.7612

Previews

White Background



This preview shows how the XYZ color 70.3618, 62.0373, 79.5001 looks on a white background.

Color Contrast Check

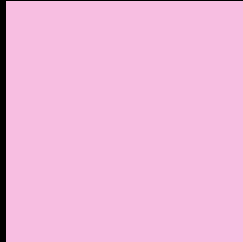
Large Text (above 18pt) WCAG AA × Fail

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 70.3618, 62.0373, 79.5001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

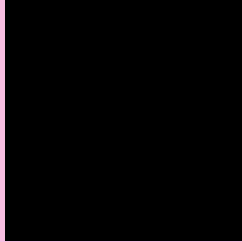
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3618, 62.0373, 79.5001

Background



This preview shows how black text looks on a background with the XYZ color 70.3618, 62.0373, 79.5001.



This preview shows how white text looks on a background with the XYZ color 70.3618, 62.0373,

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

70.3618, 62.0373, 79.5001

Protanopia

61.1838, 62.2174, 87.3817

Deuteranopia

63.7211, 62.3166, 78.4819



Tritanopia

68.1113, 62.1065, 68.0724

Trichromacy



Original Color

70.3618, 62.0373, 79.5001



Protanomaly

63.9915, 61.9835, 84.1926



Deuteranomaly

66.0539, 62.1373, 79.0333



Tritanomaly

68.9933, 62.1471, 71.9776

Monochromacy



Original Color

70.3618, 62.0373, 79.5001



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

64.4911, 63.5170, 73.8267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3618, 62.0373, 79.5001 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(247, 190, 225)` looks like.

```
.text, #text, p{  
    color:rgb(247, 190, 225)  
}
```

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(247, 190, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 190, 225) }
```

Border

The CSS property to change the border of an element to XYZ 70.3618, 62.0373, 79.5001 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(247, 190, 225) }
```


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

```
.border{ border-color:rgb(247, 190, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 190, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 190, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 190, 225);  
box-shadow:4px 4px 4px 4px rgb(247, 190,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3618, 62.0373, 79.5001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 190, 225) }
```

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

```
.background{ background-color: rgb(247,  
190, 225) }
```

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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