

Converting Colors

XYZ(72.0793, 63.4937, 61.7168)

Have a look what the booklet for
XYZ(72.0793, 63.4937, 61.7168)
contains.

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Color

**XYZ(70.0638, 62.5988,
61.8161)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBFC6
RGB	255, 191, 198
RGB Percent	100%, 75%, 78%
CMY	0.0000, 0.2510, 0.2235
CMYK	0.00, 0.25, 0.22, 0.00
HSL	353°, 100%, 87%
HSV	353°, 25%, 100%
XYZ	70.0638, 62.5988, 61.8161
YIQ	210.9340, 35.8970, 15.7450

Conversions

Conversions Part 2

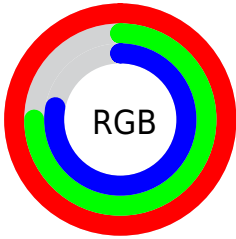
Format	Color
R _Y B	255, 191, 198
Decimal	16760774
CIE _{Lab}	83.23, 23.95, 5.48
CIE _{LCh}	83, 24.571, 12.890
Y _{xy}	62.5988, 0.3603, 0.3219
Android (android.graphics.Color)	4294950854 (0xFFFFBFC6)
Y _{UV}	210.9340, -6.3765, 38.6459
Hunter-Lab	79.1194, 19.6108, 9.0602

Details

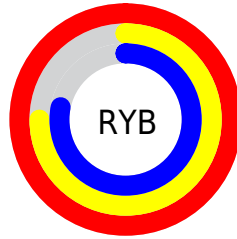
The XYZ color **70.0638, 62.5988, 61.8161** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.1915, 89.3748, 102.1517**, and the grayscale version is **61.8988, 65.1224, 70.9183**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **37.0057, 31.7753, 30.5684** is the 20% darker color. If you saturate the color by 10%, you get **62.5529, 51.4598, 47.3421**, and if you desaturate by 10%, it is **78.9388, 75.8368, 78.6844**.

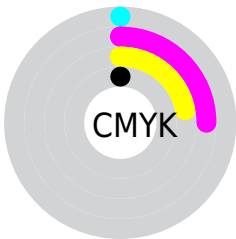
Distribution



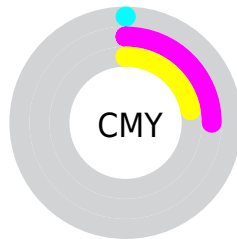
- Red (100%)
- Green (75%)
- Blue (78%)



- Red (100%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (25%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.0638, 62.5988, 61.8161 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 70.0638, 62.5988, 61.8161 by changing the saturation by 10% instead.


 70.0638, 62.5988,
61.8161

 70.0638, 62.5988,
61.8161


450.0369,
434.1120, 449.2491

 51.8583, 45.5167,
44.4493


 118.3255,
108.5905, 109.0287

 37.1160, 31.8646,
30.6841


149.1125,
138.2689, 139.7116

 25.4714, 21.2581,
20.1020


184.8239,
172.9149, 175.6703

 16.5592, 13.3128,
12.2844

225.8253,
212.9128, 217.3232

 10.0141, 7.6443,
6.8128

272.4820,
258.6471, 265.0891

 5.4706, 3.8682,
3.2686

325.1592,

 2.5635, 1.6001,

310.5021, 319.3863

1.2334

384.2224,
368.8623, 380.6335

■ 0.9274, 0.3577,
0.0062

■ 0.0000, 0.0000,
0.0000

■ 70.0638, 62.5988,
61.8161

■ 70.0638, 62.5988,
61.8161

■ 62.5529, 51.4598,
47.3421

■ 78.9388, 75.8368,
78.6844

■ 56.3338, 42.3039,
35.1501

■ 89.2362, 91.2649,
98.0448

■ 51.3347, 35.0172,
25.1244

95.0500, 100.0000,
108.9000

■ 47.4747, 29.4705,
17.1378

■ 44.6631, 25.5183,
11.0493

■ 42.7953, 22.9914,
6.7003

■ 41.7441, 21.6820,
3.9055

■ 41.4481, 21.3432,
3.0258

Harmonies

Analogous

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



69.8461, 62.5988, 77.1693



70.0638, 62.5988, 61.8161



67.3314, 62.5988, 50.0630

Triad

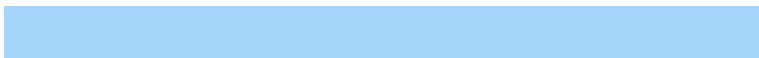
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.0638, 62.5988, 61.8161



52.7889, 62.5988, 48.8286



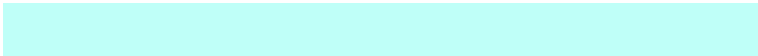
56.5323, 62.5988, 100.2543

Complementary

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



70.0638, 62.5988, 61.8161



74.1915, 89.3748, 102.1517

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.



52.2975, 62.5988, 90.1629



70.0638, 62.5988, 61.8161



50.2265, 62.5988, 59.8797

Square

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



70.0638, 62.5988, 61.8161



57.2401, 62.5988, 43.3540



50.0522, 62.5988, 74.9226



61.8151, 62.5988, 100.9799

Rectangle

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



70.0638, 62.5988, 61.8161



64.2943, 62.5988, 45.2190



50.0522, 62.5988, 74.9226



54.9469, 62.5988, 97.7831

Sweetspot

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



70.0654, 62.6016, 61.8174



86.0951, 86.5524, 92.1591



75.2286, 64.3557, 103.0647



18.0901, 18.0193, 19.0915



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

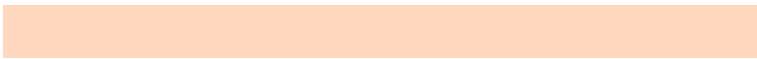
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.0654, 62.6016, 61.8174



66.2149, 56.8821, 54.4258



75.0821, 73.8968, 59.6001



18.0901, 18.0193, 19.0915



21.6833, 11.1626, 1.7166



2.1363, 1.0969, 0.2992

Inverse Universe

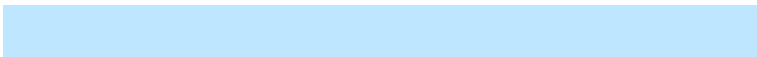
The Inverse Universe completely reimagines the original color for something new.



70.0654, 62.6016, 61.8174



66.2149, 56.8821, 54.4258



67.9650, 75.1522, 105.5314



18.0901, 18.0193, 19.0915



21.6833, 11.1626, 1.7166



2.1363, 1.0969, 0.2992

Previews

White Background



This preview shows how the XYZ color 70.0638, 62.5988, 61.8161 looks on a white background.

Color Contrast Check

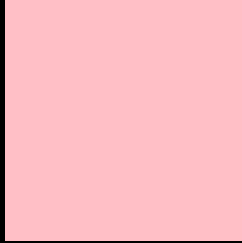
Large Text (above 18pt) WCAG AA × Fail

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 70.0638, 62.5988, 61.8161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

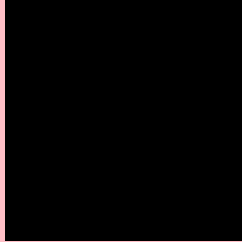
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.0638, 62.5988, 61.8161

Background



This preview shows how black text looks on a background with the XYZ color 70.0638, 62.5988, 61.8161.



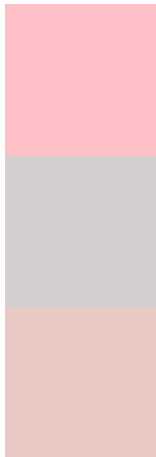
This preview shows how white text looks on a background with the XYZ color 70.0638, 62.5988,

61.8161.

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

70.0638, 62.5988, 61.8161

Protanopia

60.4393, 62.9795, 68.0023

Deuteranopia

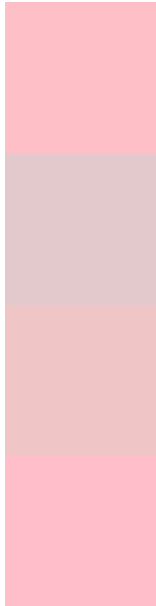
64.1292, 62.9146, 60.9883



Tritanopia

70.6729, 62.4947, 66.0954

Trichromacy



Original Color

70.0638, 62.5988, 61.8161

Protanomaly

63.4643, 62.4638, 65.8385

Deuteranomaly

65.9795, 62.4890, 61.4074

Tritanomaly

70.3141, 62.3512, 64.2061

Monochromacy



Original Color

70.0638, 62.5988, 61.8161

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

64.4120, 63.9729, 67.3456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0638, 62.5988, 61.8161 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(255, 191, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 198)  
}
```

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(255, 191, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 198) }
```

Border

The CSS property to change the border of an element to XYZ 70.0638, 62.5988, 61.8161 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(255, 191, 198) }
```


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

```
.border{ border-color:rgb(255, 191, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 191, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 191, 198); box-shadow:4px 4px 4px 4px rgb(255, 191, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0638, 62.5988, 61.8161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 198) }
```

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

```
.background{ background-color: rgb(255,  
191, 198) }
```

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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