

Converting Colors

XYZ(70.8739, 62.1266, 68.5364)

Have a look what the booklet for
XYZ(70.8739, 62.1266, 68.5364)
contains.

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Color

**XYZ(70.9462, 62.2586,
68.5994)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDD1
RGB	255, 189, 209
RGB Percent	100%, 74%, 82%
CMY	0.0000, 0.2588, 0.1804
CMYK	0.00, 0.26, 0.18, 0.00
HSL	342°, 100%, 87%
HSV	342°, 26%, 100%
XYZ	70.9462, 62.2586, 68.5994
YIQ	211.0140, 32.9160, 20.2120

Conversions

Conversions Part 2

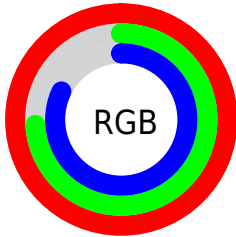
Format	Color
R _Y B	255, 189, 209
Decimal	16760273
CIE Lab	83.05, 26.62, -0.68
CIE LCh	83, 26.625, 358.541
Yxy	62.2586, 0.3516, 0.3085
Android (android.graphics.Color)	4294950353 (0xFFFFBDD1)
YUV	211.0140, -0.9929, 38.5757
Hunter-Lab	78.9041, 22.4151, 3.6860

Details

The XYZ color **70.9462, 62.2586, 68.5994** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.7439, 88.3380, 91.8706**, and the grayscale version is **61.9186, 65.1431, 70.9409**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **37.6063, 31.5648, 35.1209** is the 20% darker color. If you saturate the color by 10%, you get **63.8562, 51.4061, 55.9782**, and if you desaturate by 10%, it is **79.2489, 75.1433, 82.8377**.

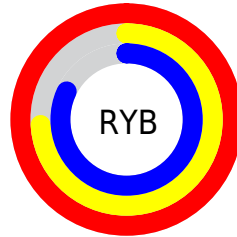
Distribution



Red (100%)

Green (74%)

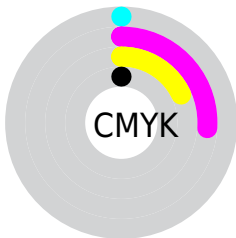
Blue (82%)



Red (100%)

Yellow (74%)

Blue (82%)

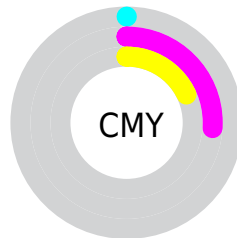


Cyan (0%)

Magenta (26%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.9462, 62.2586, 68.5994 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 70.9462, 62.2586, 68.5994 by changing the saturation by 10% instead.


 70.9462, 62.2586,
68.5994

 70.9462, 62.2586,
68.5994


453.0801,
432.8738, 474.2724

 52.5807, 45.2417,
49.9158


 119.5760,
108.0992, 118.8715

 37.6943, 31.6478,
34.9758

150.5711,
137.6917, 151.2971

 25.9216, 21.0927,
23.3608

186.5066,
172.2448, 189.1405

 16.8974, 13.1917,
14.6524


227.7481,
212.1429, 232.8201

 10.2562, 7.5607,
8.4319

274.6608,
257.7705, 282.7546

 5.6327, 3.8152,
4.2808

327.6102,

 2.6616, 1.5707,

309.5119, 339.3625

1.7806

386.9615,
367.7515, 403.0622

■ 0.9774, 0.3377,
0.4151

■ 0.0000, 0.0000,
0.0000

■ 70.9462, 62.2586,
68.5994

■ 70.9462, 62.2586,
68.5994

■ 63.8562, 51.4061,
55.9782

■ 79.2489, 75.1433,
82.8377

■ 57.9161, 42.4734,
44.9113

■ 88.8145, 90.1488,
98.7451

■ 53.0638, 35.3498,
35.3368

95.0500, 100.0000,
108.9000

■ 49.2293, 29.9096,
27.1874

■ 46.3341, 26.0110,
20.3898

■ 44.2871, 23.4885,
14.8632

■ 42.9773, 22.1374,
10.5157

■ 42.5888, 21.7995,
9.0326

Harmonies

Analogous

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



69.1296, 62.2586, 85.7184



70.9462, 62.2586, 68.5994



69.4427, 62.2586, 53.7409

Triad

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



70.9462, 62.2586, 68.5994



54.0415, 62.2586, 43.5771



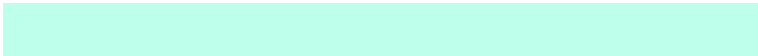
53.5833, 62.2586, 98.5903

Complementary

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



70.9462, 62.2586, 68.5994



71.7439, 88.3380, 91.8706

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.



49.9727, 62.2586, 84.0940



70.9462, 62.2586, 68.5994



50.2250, 62.2586, 52.5522

Square

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



70.9462, 62.2586, 68.5994



59.4572, 62.2586, 40.7771



48.7835, 62.2586, 66.9851



58.8935, 62.2586, 104.6805

Rectangle

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



70.9462, 62.2586, 68.5994



66.8114, 62.2586, 46.6961



48.7835, 62.2586, 66.9851



52.1438, 62.2586, 94.4344

Sweetspot

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



70.9477, 62.2613, 68.6007



86.6784, 86.7857, 95.2305



70.2141, 61.1275, 102.7058



18.2359, 18.0777, 19.8594



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.



70.9477, 62.2613, 68.6007



67.1693, 56.4566, 61.9399



71.3371, 66.7566, 57.2730



18.2359, 18.0777, 19.8594



22.3111, 11.4137, 5.0229



2.2184, 1.1297, 0.7314

Inverse Universe

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



70.9477, 62.2613, 68.6007



67.1693, 56.4566, 61.9399



71.0588, 82.0816, 106.7059



18.2359, 18.0777, 19.8594



22.3111, 11.4137, 5.0229



2.2184, 1.1297, 0.7314

Previews

White Background



This preview shows how the XYZ color 70.9462, 62.2586, 68.5994 looks on a white background.

Color Contrast Check

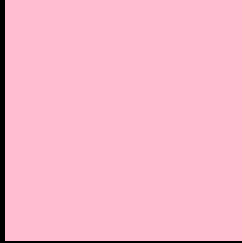
Large Text (above 18pt) WCAG AA × Fail

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 70.9462, 62.2586, 68.5994 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 70.9462, 62.2586, 68.5994

Background



This preview shows how black text looks on a background with the XYZ color 70.9462, 62.2586, 68.5994.



This preview shows how white text looks on a background with the XYZ color 70.9462, 62.2586,

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

70.9462, 62.2586, 68.5994

Protanopia

60.5896, 62.5225, 75.8925

Deuteranopia

63.8277, 62.6092, 67.7522



Tritanopia

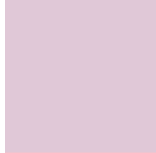
70.1856, 62.2574, 65.4444

Trichromacy



Original Color

70.9462, 62.2586, 68.5994



Protanomaly

63.6605, 62.0621, 72.9139



Deuteranomaly

66.2765, 62.4911, 68.2433



Tritanomaly

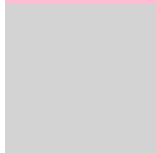
70.4271, 62.3540, 66.7161

Monochromacy



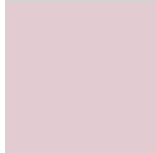
Original Color

70.9462, 62.2586, 68.5994



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

64.6673, 63.6959, 69.8590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9462, 62.2586, 68.5994 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, 189, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 209)  
}
```

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, 189, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 209) }
```

Border

The CSS property to change the border of an element to XYZ 70.9462, 62.2586, 68.5994 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, 189, 209) }
```


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

```
.border{ border-color:rgb(255, 189, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9462, 62.2586, 68.5994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 209) }
```

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

```
.background{ background-color: rgb(255,  
189, 209) }
```

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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