

Converting Colors

XYZ(70.6573, 60.3189, 72.7015)

Have a look what the booklet for
XYZ(70.6573, 60.3189, 72.7015)
contains.

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Color

**XYZ(70.7752, 60.4988,
72.9129)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB8D8
RGB	255, 184, 216
RGB Percent	100%, 72%, 85%
CMY	0.0000, 0.2784, 0.1529
CMYK	0.00, 0.28, 0.15, 0.00
HSL	333°, 100%, 86%
HSV	333°, 28%, 100%
XYZ	70.7752, 60.4988, 72.9129
YIQ	208.8770, 32.0440, 25.0040

Conversions

Conversions Part 2

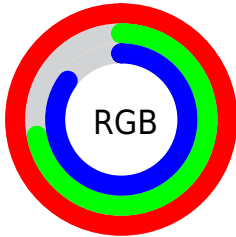
Format	Color
R _Y B	255, 184, 216
Decimal	16759000
CIE Lab	82.11, 30.31, -5.82
CIE LCh	82, 30.867, 349.126
Yxy	60.4988, 0.3466, 0.2963
Android (android.graphics.Color)	4294949080 (0xFFFFB8D8)
YUV	208.8770, 3.5116, 40.4499
Hunter-Lab	77.7810, 26.3057, -1.1325

Details

The XYZ color **70.7752, 60.4988, 72.9129** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.8485, 87.0390, 82.9869**, and the grayscale version is **60.4886, 63.6387, 69.3026**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **37.4416, 30.4088, 37.6143** is the 20% darker color. If you saturate the color by 10%, you get **64.2132, 50.1506, 62.1686**, and if you desaturate by 10%, it is **78.4490, 72.8232, 84.7911**.

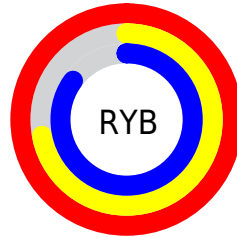
Distribution



Red (100%)

Green (72%)

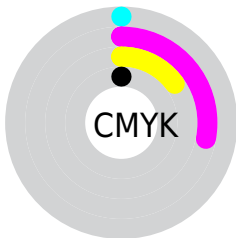
Blue (85%)



Red (100%)

Yellow (72%)

Blue (85%)

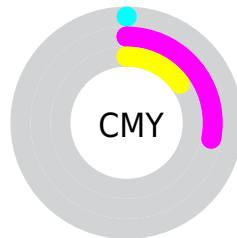


Cyan (0%)

Magenta (28%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (28%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7752, 60.4988, 72.9129 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 70.7752, 60.4988, 72.9129 by changing the saturation by 10% instead.

 70.7752, 60.4988,
72.9129

 70.7752, 60.4988,
72.9129


452.4913,
426.4339, 489.7756

 52.4406, 43.8208,
53.4134

 119.3338,
105.5529, 125.0733

 37.5821, 30.5297,
37.7429


150.2886,
134.6978, 158.5713

 25.8342, 20.2410,
25.4829

186.1809,
168.7671, 197.5725

 16.8317, 12.5703,
16.2149

227.3759,
208.1453, 242.4954

 10.2091, 7.1333,
9.5204

274.2391,
253.2166, 293.7586

 5.6012, 3.5456,
4.9807


327.1358,

 2.6425, 1.4228,


304.3656, 351.7807


2.1774


386.4314,
361.9765, 416.9802


 0.9676, 0.2334,
0.6613


 0.0000, 0.0000,
0.0000

 70.7752, 60.4988,
72.9129


 70.7752, 60.4988,
72.9129

 64.2132, 50.1506,
62.1686


 78.4490, 72.8232,
84.7911

 58.7039, 41.6669,
52.5173

 87.2817, 87.2127,
97.8348

 54.1884, 34.9363,
43.9204

95.0500, 100.0000,
108.9000

 50.6003, 29.8325,
36.3353

■ 47.8642, 26.2118,
29.7154

■ 45.8919, 23.9050,
24.0088

■ 44.5666, 22.6863,
19.1529

■ 44.3300, 22.4960,
18.2019

Harmonies

Analogous

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



67.5584, 60.4988, 92.4015



70.7752, 60.4988, 72.9129



70.2380, 60.4988, 54.7501

Triad

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



70.7752, 60.4988, 72.9129



53.4747, 60.4988, 37.3387



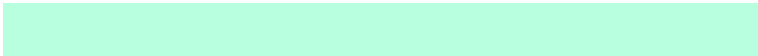
49.6497, 60.4988, 97.0758

Complementary

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



70.7752, 60.4988, 72.9129



68.8485, 87.0390, 82.9869

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.



46.4074, 60.4988, 78.4085



70.7752, 60.4988, 72.9129



48.4971, 60.4988, 44.9803

Square

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



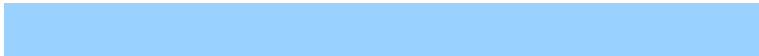
70.7752, 60.4988, 72.9129



59.9106, 60.4988, 36.4265



46.0021, 60.4988, 59.3013



55.1594, 60.4988, 108.0116

Rectangle

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



70.7752, 60.4988, 72.9129



67.8338, 60.4988, 45.6372



46.0021, 60.4988, 59.3013



48.2770, 60.4988, 91.3491

Sweetspot

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



70.7765, 60.5014, 72.9141



87.1318, 86.9670, 97.6178



65.2759, 57.0124, 102.1718



18.3497, 18.1232, 20.4586



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.



70.7765, 60.5014, 72.9141



67.2553, 54.9215, 67.2314



67.5298, 59.9959, 53.3718



18.3497, 18.1232, 20.4586



23.2362, 11.7838, 9.8944



2.3166, 1.1690, 1.2485

Inverse Universe

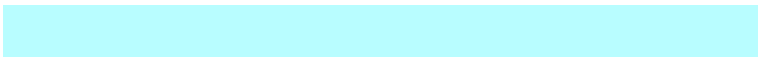
The Inverse Universe completely reimagines the original color for something new.



70.7765, 60.5014, 72.9141



67.2553, 54.9215, 67.2314



72.8283, 87.4305, 107.6451



18.3497, 18.1232, 20.4586



23.2362, 11.7838, 9.8944



2.3166, 1.1690, 1.2485

Previews

White Background



This preview shows how the XYZ color 70.7752, 60.4988, 72.9129 looks on a white background.

Color Contrast Check

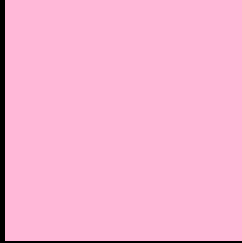
Large Text (above 18pt) WCAG AA × Fail

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 70.7752, 60.4988, 72.9129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

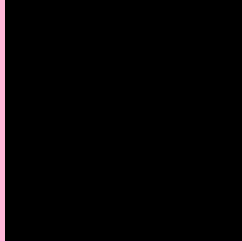
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.7752, 60.4988, 72.9129

Background



This preview shows how black text looks on a background with the XYZ color 70.7752, 60.4988, 72.9129.



This preview shows how white text looks on a background with the XYZ color 70.7752, 60.4988,

72.9129.

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

70.7752, 60.4988, 72.9129

Protanopia

59.4469, 60.7308, 81.9878

Deuteranopia

61.7195, 60.4079, 71.3577



Tritanopia

68.8210, 60.6403, 63.3358

Trichromacy



Original Color

70.7752, 60.4988, 72.9129



Protanomaly

63.0133, 60.2338, 78.8261



Deuteranomaly

64.8118, 60.3186, 71.8450



Tritanomaly

69.5725, 60.6449, 66.4313

Monochromacy



Original Color

70.7752, 60.4988, 72.9129



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

63.9020, 62.2308, 70.9311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7752, 60.4988, 72.9129 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, 184, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 216)  
}
```

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, 184, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 216) }
```

Border

The CSS property to change the border of an element to XYZ 70.7752, 60.4988, 72.9129 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, 184, 216) }
```


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

```
.border{ border-color:rgb(255, 184, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7752, 60.4988, 72.9129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 216) }
```

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

```
.background{ background-color: rgb(255,  
184, 216) }
```

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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