

Converting Colors

XYZ(84.9827, 67.4360, 72.5370)

Have a look what the booklet for
XYZ(84.9827, 67.4360, 72.5370)
contains.

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Color

**XYZ(70.4392, 60.0333,
72.1650)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7D7
RGB	255, 183, 215
RGB Percent	100%, 72%, 84%
CMY	0.0000, 0.2823, 0.1569
CMYK	0.00, 0.28, 0.16, 0.00
HSL	333°, 100%, 86%
HSV	333°, 28%, 100%
XYZ	70.4392, 60.0333, 72.1650
YIQ	208.1760, 32.6400, 25.2160

Conversions

Conversions Part 2

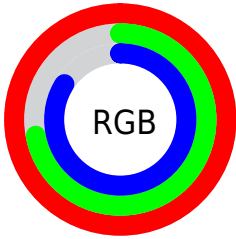
Format	Color
R _Y B	255, 183, 215
Decimal	16758743
CIE Lab	81.86, 30.68, -5.66
CIE LCh	82, 31.199, 349.552
Yxy	60.0333, 0.3476, 0.2963
Android (android.graphics.Color)	4294948823 (0xFFFFB7D7)
YUV	208.1760, 3.3642, 41.0646
Hunter-Lab	77.4812, 26.6848, -0.9852

Details

The XYZ color **70.4392, 60.0333, 72.1650** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.6099, 86.9160, 82.9760**, and the grayscale version is **60.0337, 63.1602, 68.7814**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **37.2214, 30.1089, 37.1075** is the 20% darker color. If you saturate the color by 10%, you get **63.9059, 49.7548, 61.3912**, and if you desaturate by 10%, it is **78.0859, 72.2856, 84.0892**.

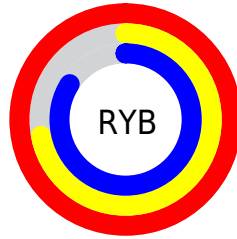
Distribution



Red (100%)

Green (72%)

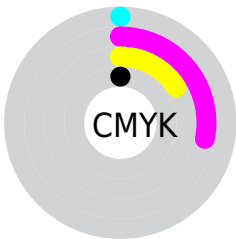
Blue (84%)



Red (100%)

Yellow (72%)

Blue (84%)

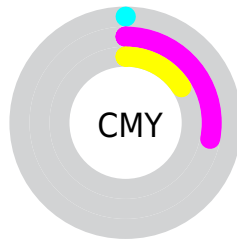


Cyan (0%)

Magenta (28%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.4392, 60.0333, 72.1650 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 70.4392, 60.0333, 72.1650 by changing the saturation by 10% instead.


 70.4392, 60.0333,
72.1650

 70.4392, 60.0333,
72.1650


451.3330,
424.7205, 487.1087

 52.1656, 43.4455,
52.8058


 118.8577,
104.8780, 124.0010

 37.3619, 30.2348,
37.2611


149.7333,
133.9036, 157.3149

 25.6627, 20.0169,
25.1124


185.5403,
167.8440, 196.1174

 16.7029, 12.4073,
15.9410

226.6440,
207.0835, 240.8271

 10.1169, 7.0217,
9.3285

273.4097,
252.0065, 291.8626

 5.5394, 3.4757,
4.8563

326.2029,

 2.6050, 1.3848,

302.9974, 349.6423

2.1060

385.3889,
360.4406, 414.5848

■ 0.9485, 0.2055,
0.6193

■ 0.0000, 0.0000,
0.0000

■ 70.4392, 60.0333,
72.1650

■ 70.4392, 60.0333,
72.1650

■ 63.9059, 49.7548,
61.3912

■ 78.0859, 72.2856,
84.0892

■ 58.4261, 41.3378,
51.7262

■ 86.8931, 86.6006,
97.1962

■ 53.9408, 34.6705,
43.1304

95.0500, 100.0000,
108.9000

■ 50.3830, 29.6258,
35.5603

■ 47.6769, 26.0593,
28.9683

■ 45.7334, 23.8005,
23.3013

■ 44.4313, 22.6148,
18.4941

■ 44.2390, 22.4596,
17.7224

Harmonies

Analogous

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



67.2478, 60.0333, 91.8264



70.4392, 60.0333, 72.1650



69.8423, 60.0333, 53.9662

Triad

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



70.4392, 60.0333, 72.1650



52.9266, 60.0333, 36.8037



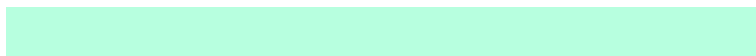
49.2334, 60.0333, 97.0264

Complementary

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



70.4392, 60.0333, 72.1650



68.6099, 86.9160, 82.9760

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.



45.9407, 60.0333, 78.2679



70.4392, 60.0333, 72.1650



47.9567, 60.0333, 44.5502

Square

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



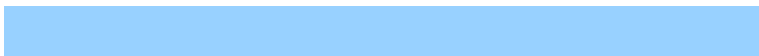
70.4392, 60.0333, 72.1650



59.3869, 60.0333, 35.7973



45.4920, 60.0333, 59.0082



54.7944, 60.0333, 107.9047

Rectangle

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



70.4392, 60.0333, 72.1650



67.3899, 60.0333, 44.8876



45.4920, 60.0333, 59.0082



47.8433, 60.0333, 91.2824

Sweetspot

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



70.4407, 60.0359, 72.1662



87.1124, 86.9592, 97.5158



65.2940, 56.7145, 102.1134



18.3448, 18.1212, 20.4329



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.



70.4407, 60.0359, 72.1662



66.5399, 53.8729, 65.8144



67.4747, 60.0528, 52.8382



18.3448, 18.1212, 20.4329



23.1882, 11.7646, 9.6417



2.3117, 1.1671, 1.2229

Inverse Universe

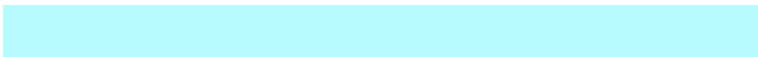
The Inverse Universe completely reimagines the original color for something new.



70.4407, 60.0359, 72.1662



66.5399, 53.8729, 65.8144



72.2023, 86.5328, 107.5048



18.3448, 18.1212, 20.4329



23.1882, 11.7646, 9.6417



2.3117, 1.1671, 1.2229

Previews

White Background



This preview shows how the XYZ color 70.4392, 60.0333, 72.1650 looks on a white background.

Color Contrast Check

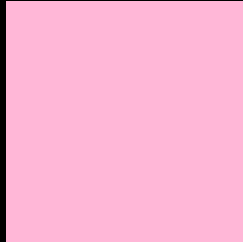
Large Text (above 18pt) WCAG AA × Fail

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 70.4392, 60.0333, 72.1650 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 70.4392, 60.0333, 72.1650

Background



This preview shows how black text looks on a background with the XYZ color 70.4392, 60.0333, 72.1650.



This preview shows how white text looks on a background with the XYZ color 70.4392, 60.0333,

72.1650.

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

70.4392, 60.0333, 72.1650

Protanopia

59.0731, 60.2046, 81.1802

Deuteranopia

61.5929, 60.3573, 70.6912



Tritanopia

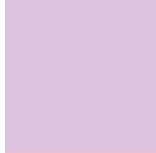
68.4922, 60.1706, 62.6477

Trichromacy



Original Color

70.4392, 60.0333, 72.1650



Protanomaly

62.6532, 59.7301, 78.0389



Deuteranomaly

64.6845, 60.2677, 71.1744



Tritanomaly

69.2415, 60.1765, 65.7234

Monochromacy



Original Color

70.4392, 60.0333, 72.1650



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

63.2326, 61.5575, 70.1771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4392, 60.0333, 72.1650 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, 183, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 215)  
}
```

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, 183, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 215) }
```

Border

The CSS property to change the border of an element to XYZ 70.4392, 60.0333, 72.1650 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, 183, 215) }
```


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

```
.border{ border-color:rgb(255, 183, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4392, 60.0333, 72.1650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 215) }
```

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

```
.background{ background-color: rgb(255,  
183, 215) }
```

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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