

Converting Colors

XYZ(66.8750, 57.8654, 62.2287)

Have a look what the booklet for
XYZ(66.8750, 57.8654, 62.2287)
contains.

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Color

**XYZ(66.7329, 57.7271,
62.2688)**

Conversions

Conversions Part 1

Format	Color
Hex	FBB5C8
RGB	251, 181, 200
RGB Percent	98%, 71%, 78%
CMY	0.0157, 0.2902, 0.2157
CMYK	0.00, 0.28, 0.20, 0.02
HSL	344°, 90%, 85%
HSV	344°, 28%, 98%
XYZ	66.7329, 57.7271, 62.2688
YIQ	204.0960, 35.6210, 20.7490

Conversions

Conversions Part 2

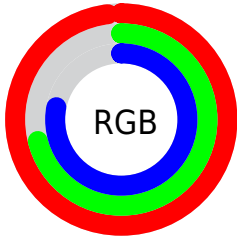
Format	Color
R _Y B	251, 181, 200
Decimal	16496072
CIE Lab	80.59, 28.07, 0.52
CIE LCh	81, 28.079, 1.060
Yxy	57.7271, 0.3574, 0.3091
Android (android.graphics.Color)	4294686152 (0xFFFB5C8)
YUV	204.0960, -2.0193, 41.1348
Hunter-Lab	75.9784, 23.8170, 4.5931

Details

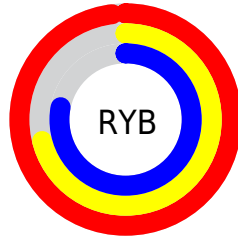
The XYZ color **66.7329, 57.7271, 62.2688** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.1212, 84.6459, 89.0961**, and the grayscale version is **57.4532, 60.4452, 65.8248**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **34.8998, 28.8511, 30.9235** is the 20% darker color. If you saturate the color by 10%, you get **60.0705, 47.6203, 50.1261**, and if you desaturate by 10%, it is **74.5736, 69.7802, 76.0670**.

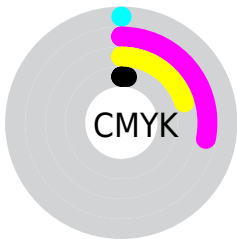
Distribution



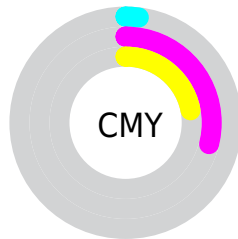
- Red (98%)
- Green (71%)
- Blue (78%)



- Red (98%)
- Yellow (71%)
- Blue (78%)



- Cyan (0%)
- Magenta (28%)
- Yellow (20%)
- Black (2%)





- Cyan (2%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.7329, 57.7271, 62.2688 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 66.7329, 57.7271, 62.2688 by changing the saturation by 10% instead.


 66.7329, 57.7271,
62.2688

 66.7329, 57.7271,
62.2688


438.4409,
416.1683, 450.9456

 49.1375, 41.5893,
44.8127


 113.5895,
101.5253, 109.6893

 34.9435, 28.7798,
30.9681


143.5814,
129.9546, 140.4908

 23.7857, 18.9143,
20.3163


178.4362,
163.2497, 176.5779

 15.2986, 11.6084,
12.4388

218.5193,
201.7952, 218.3690

 9.1169, 6.4776,
6.9171

264.1959,
245.9754, 266.2829

 4.8752, 3.1376,
3.3327


315.8315,


 2.2082, 1.2040,


296.1747, 320.7379


1.2669


373.7913,
352.7776, 382.1526


 0.7471, 0.0650,
0.0344


 0.0000, 0.0000,
0.0000


 66.7329, 57.7271,
62.2688


 66.7329, 57.7271,
62.2688


 60.0705, 47.6203,
50.1261


 74.5736, 69.7802,
76.0670


 54.5232, 39.3495,
39.5715

 83.6421, 83.8665,
91.5774

 50.0290, 32.8054,
30.5383

 93.5725, 99.2408,
108.7187

 46.5180, 27.8641,
22.9531

 93.5939, 99.2494,
108.8319

■ 43.9109, 24.3847,
16.7362

■ 42.1156, 22.2014,
11.7989

■ 41.0106, 21.0922,
8.0375

■ 40.8309, 20.9282,
7.3750

Harmonies

Analogous

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



65.1679, 57.7271, 79.5295



66.7329, 57.7271, 62.2688



64.9379, 57.7271, 47.8370

Triad

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



66.7329, 57.7271, 62.2688



49.3372, 57.7271, 39.3636



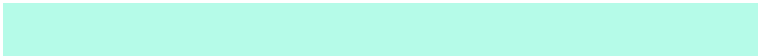
49.6693, 57.7271, 94.9864

Complementary

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



66.7329, 57.7271, 62.2688



68.1212, 84.6459, 89.0961

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.



45.8968, 57.7271, 80.7270



66.7329, 57.7271, 62.2688



45.7147, 57.7271, 48.6910

Square

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



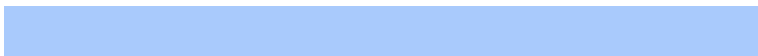
66.7329, 57.7271, 62.2688



54.6628, 57.7271, 36.1241



44.4998, 57.7271, 63.4449



55.0735, 57.7271, 100.3039

Rectangle

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



66.7329, 57.7271, 62.2688



62.1453, 57.7271, 41.2268



44.4998, 57.7271, 63.4449



48.1820, 57.7271, 90.9695

Sweetspot

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



66.7345, 57.7298, 62.2700



86.5823, 86.7472, 94.7247



66.9474, 57.0323, 98.7473



18.2118, 18.0680, 19.7327



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.



66.7345, 57.7298, 62.2700



65.4770, 54.2102, 57.8672



67.9037, 63.4031, 52.3784



17.4381, 17.3026, 18.8967



21.5141, 11.0214, 4.1496



2.0349, 1.0377, 0.6074

Inverse Universe

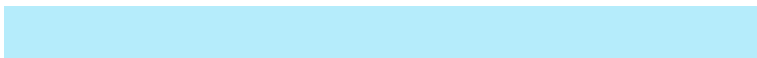
The Inverse Universe completely reimagines the original color for something new.



66.7345, 57.7298, 62.2700



65.4770, 54.2102, 57.8672



66.4182, 76.6857, 102.5686



17.4381, 17.3026, 18.8967



21.5141, 11.0214, 4.1496



2.0349, 1.0377, 0.6074

Previews

White Background



This preview shows how the XYZ color 66.7329, 57.7271, 62.2688 looks on a white background.

Color Contrast Check

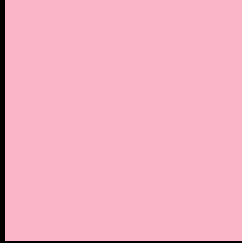
Large Text (above 18pt) WCAG AA × Fail

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 66.7329, 57.7271, 62.2688 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 66.7329, 57.7271, 62.2688

Background



This preview shows how black text looks on a background with the XYZ color 66.7329, 57.7271, 62.2688.



This preview shows how white text looks on a background with the XYZ color 66.7329, 57.7271,

62.2688.

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

66.7329, 57.7271, 62.2688

Protanopia

56.2687, 57.9675, 69.8512

Deuteranopia

59.3036, 58.0329, 61.5019



Tritanopia

66.4754, 57.9506, 59.9065

Trichromacy



Original Color

66.7329, 57.7271, 62.2688

Protanomaly

59.3255, 57.2643, 66.9578

Deuteranomaly

61.7851, 57.6745, 61.9087

Tritanomaly

66.5897, 57.9963, 60.5081

Monochromacy



Original Color

66.7329, 57.7271, 62.2688

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

60.3382, 59.1638, 64.7395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7329, 57.7271, 62.2688 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(251, 181, 200)` looks like.

```
.text, #text, p{  
    color:rgb(251, 181, 200)  
}
```

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(251, 181, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 181, 200) }
```

Border

The CSS property to change the border of an element to XYZ 66.7329, 57.7271, 62.2688 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(251, 181, 200) }
```


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

```
.border{ border-color:rgb(251, 181, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 181, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 181, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 181, 200);  
box-shadow:4px 4px 4px 4px rgb(251, 181,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7329, 57.7271, 62.2688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 181, 200) }
```

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

```
.background{ background-color: rgb(251,  
181, 200) }
```

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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