

Converting Colors

XYZ(113.7811, 81.5042,
64.4406)

Have a look what the booklet for
XYZ(113.7811, 81.5042, 64.4406)
contains.

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Color

**XYZ(67.7854, 57.6703,
62.2024)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3C8
RGB	255, 179, 200
RGB Percent	100%, 70%, 78%
CMY	0.0000, 0.2980, 0.2157
CMYK	0.00, 0.30, 0.22, 0.00
HSL	343°, 100%, 85%
HSV	343°, 30%, 100%
XYZ	67.7854, 57.6703, 62.2024
YIQ	204.1180, 38.5550, 22.6430

Conversions

Conversions Part 2

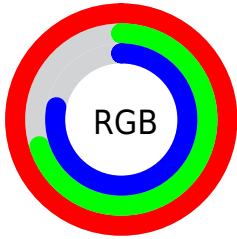
Format	Color
R _Y B	255, 179, 200
Decimal	16757704
CIE Lab	80.56, 30.53, 0.52
CIE LCh	81, 30.539, 0.983
Yxy	57.6703, 0.3612, 0.3073
Android (android.graphics.Color)	4294947784 (0xFFFFB3C8)
YUV	204.1180, -2.0302, 44.6235
Hunter-Lab	75.9410, 26.4336, 4.5949

Details

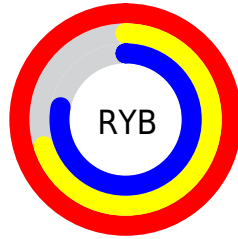
The XYZ color **67.7854, 57.6703, 62.2024** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.2038, 87.0452, 90.9997**, and the grayscale version is **57.4657, 60.4584, 65.8392**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **35.5479, 28.6129, 30.8434** is the 20% darker color. If you saturate the color by 10%, you get **61.1109, 47.5672, 49.9710**, and if you desaturate by 10%, it is **75.6681, 69.7727, 76.1225**.

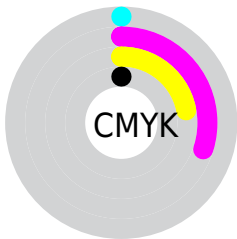
Distribution



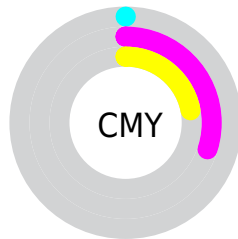
- Red (100%)
- Green (70%)
- Blue (78%)



- Red (100%)
- Yellow (70%)
- Blue (78%)



- Cyan (0%)
- Magenta (30%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.7854, 57.6703, 62.2024 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 67.7854, 57.6703, 62.2024 by changing the saturation by 10% instead.


 67.7854, 57.6703,
62.2024

 67.7854, 57.6703,
62.2024


442.1240,
415.9563, 450.6970

 49.9962, 41.5436,
44.7594


 115.0887,
101.4426, 109.5924

 35.6282, 28.7441,
30.9264

145.3335,
129.8570, 140.3766

 24.3159, 18.8873,
20.2848


180.4609,
163.1361, 176.4448

 15.6942, 11.5889,
12.4161

220.8362,
201.6644, 218.2158

 9.3975, 6.4644,
6.9018

266.8248,
245.8261, 266.1079

 5.0605, 3.1295,
3.3232


318.7921,

 2.3179, 1.1997,


296.0057, 320.5398


1.2620


377.1033,
352.5877, 381.9300


 0.8038, 0.0615,
0.0303


 0.0000, 0.0000,
0.0000

 67.7854, 57.6703,
62.2024


 67.7854, 57.6703,
62.2024

 61.1109, 47.5672,
49.9710


 75.6681, 69.7727,
76.1225

 55.5790, 39.3476,
39.3587

 84.8117, 83.9663,
91.7899

 51.1241, 32.8957,
30.2961

95.0500, 100.0000,
108.9000

 47.6719, 28.0797,
22.7073

■ 45.1383, 24.7490,
16.5090

■ 43.4241, 22.7249,
11.6086

■ 42.3769, 21.7236,
7.8899

■ 42.3597, 21.7079,
7.8265

Harmonies

Analogous

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



66.0573, 57.6703, 81.0920



67.7854, 57.6703, 62.2024



65.8232, 57.6703, 46.6308

Triad

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



67.7854, 57.6703, 62.2024



48.8340, 57.6703, 37.5814



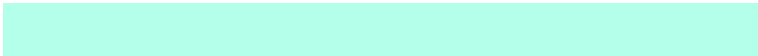
49.1666, 57.6703, 98.1197

Complementary

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



67.7854, 57.6703, 62.2024



69.2038, 87.0452, 90.9997

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.



45.1062, 57.6703, 82.3154



67.7854, 57.6703, 62.2024



44.9247, 57.6703, 47.4776

Square

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



67.7854, 57.6703, 62.2024



54.6072, 57.6703, 34.1908



43.6127, 57.6703, 63.3876



55.0211, 57.6703, 104.0706

Rectangle

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



67.7854, 57.6703, 62.2024



62.7668, 57.6703, 39.5886



43.6127, 57.6703, 63.3876



47.5629, 57.6703, 93.6514

Sweetspot

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



67.7868, 57.6729, 62.2036



85.6008, 85.1974, 93.1231



67.9288, 56.8653, 102.0036



18.0168, 17.7596, 19.4160



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.



67.7868, 57.6729, 62.2036



63.5105, 51.1806, 54.4266



68.9982, 63.7568, 51.3208



18.2156, 18.0695, 19.7523



22.1877, 11.3644, 4.3727



2.2042, 1.1240, 0.6566

Inverse Universe

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



67.7868, 57.6729, 62.2036



63.5105, 51.1806, 54.4266



67.3723, 78.2653, 106.1636



18.2156, 18.0695, 19.7523



22.1877, 11.3644, 4.3727



2.2042, 1.1240, 0.6566

Previews

White Background



This preview shows how the XYZ color 67.7854, 57.6703, 62.2024 looks on a white background.

Color Contrast Check

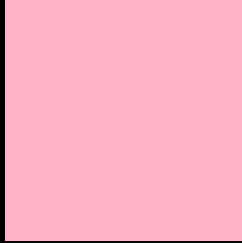
Large Text (above 18pt) WCAG AA × Fail

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 67.7854, 57.6703, 62.2024 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 67.7854, 57.6703, 62.2024

Background



This preview shows how black text looks on a background with the XYZ color 67.7854, 57.6703, 62.2024.



This preview shows how white text looks on a background with the XYZ color 67.7854, 57.6703,

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

67.7854, 57.6703, 62.2024

Protanopia

56.3945, 58.0178, 70.5136

Deuteranopia

59.1886, 57.9869, 60.8963



Tritanopia

66.9319, 57.6084, 58.6308

Trichromacy



Original Color

67.7854, 57.6703, 62.2024

Protanomaly

60.0536, 57.6255, 67.6322

Deuteranomaly

61.9949, 57.7960, 61.3143

Tritanomaly

67.1581, 57.6989, 59.8219

Monochromacy



Original Color

67.7854, 57.6703, 62.2024

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

60.7260, 59.0300, 64.6932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7854, 57.6703, 62.2024 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, 179, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 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(255, 179, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 200) }
```

Border

The CSS property to change the border of an element to XYZ 67.7854, 57.6703, 62.2024 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, 179, 200) }
```


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

```
.border{ border-color:rgb(255, 179, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7854, 57.6703, 62.2024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 200) }
```

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

```
.background{ background-color: rgb(255,  
179, 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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