

Converting Colors

XYZ(62.7401, 52.6894, 57.0627)

Have a look what the booklet for
XYZ(62.7401, 52.6894, 57.0627)
contains.

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Color

**XYZ(62.7118, 52.5562,
57.2912)**

Conversions

Conversions Part 1

Format	Color
Hex	F8AAC1
RGB	248, 170, 193
RGB Percent	97%, 67%, 76%
CMY	0.0274, 0.3333, 0.2431
CMYK	0.00, 0.31, 0.22, 0.03
HSL	342°, 85%, 82%
HSV	342°, 31%, 97%
XYZ	62.7118, 52.5562, 57.2912
YIQ	195.9440, 39.1050, 23.6890

Conversions

Conversions Part 2

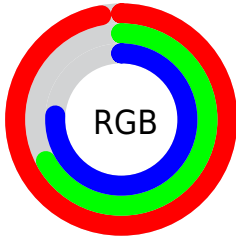
Format	Color
R _Y B	248, 170, 193
Decimal	16296641
CIE Lab	77.61, 31.78, -0.06
CIE LCh	78, 31.784, 359.887
Yxy	52.5562, 0.3634, 0.3046
Android (android.graphics.Color)	4294486721 (0xFFF8AAC1)
YUV	195.9440, -1.4514, 45.6531
Hunter-Lab	72.4957, 27.5426, 3.8918

Details

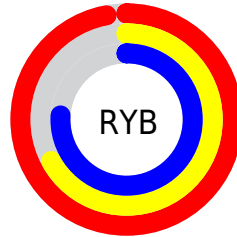
The XYZ color **62.7118, 52.5562, 57.2912** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.7379, 81.1185, 83.5363**, and the grayscale version is **52.4291, 55.1595, 60.0687**.

A 20% lighter version of the original color is **85.5352, 82.4923, 101.0369**, and **32.3301, 25.5632, 28.0411** is the 20% darker color. If you saturate the color by 10%, you get **56.6569, 43.3858, 46.2102**, and if you desaturate by 10%, it is **69.8773, 63.5776, 69.8818**.

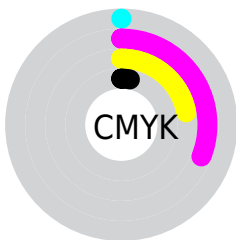
Distribution



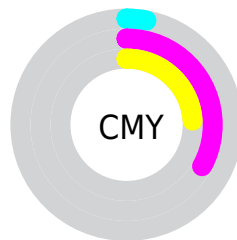
- Red (97%)
- Green (67%)
- Blue (76%)



- Red (97%)
- Yellow (67%)
- Blue (76%)



- Cyan (0%)
- Magenta (31%)
- Yellow (22%)
- Black (3%)





- Cyan (3%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.7118, 52.5562, 57.2912 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 62.7118, 52.5562, 57.2912 by changing the saturation by 10% instead.


 62.7118, 52.5562,
57.2912

 62.7118, 52.5562,
57.2912

424.1991,
396.5801, 432.0638

 45.8659, 37.4486,
40.8282


 107.8378, 93.9510,
102.3945

 32.3442, 25.5550,
27.8662


136.8485,
121.0070, 131.8719

 21.7813, 16.4910,
17.9866


170.6449,
152.8146, 166.5244

 13.8120, 9.8723,
10.7710

209.5923,
189.7581, 206.7707

 8.0709, 5.3144,
5.8009

254.0561,
232.2221, 253.0292

 4.1925, 2.4329,
2.6575

304.4016,

 1.8116, 0.8427,

280.5908, 305.7186

0.9219

360.9941,
335.2487, 365.2573

■ 0.5247, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.7118, 52.5562,
57.2912

■ 62.7118, 52.5562,
57.2912

■ 56.6569, 43.3858,
46.2102

■ 69.8773, 63.5776,
69.8818

■ 51.6507, 35.9569,
36.5769

■ 78.2021, 76.5368,
84.0340

■ 47.6319, 30.1599,
28.3298

■ 87.7374, 91.5239,
99.8013

■ 44.5307, 25.8697,
21.4010

■ 92.5216, 98.6966,
108.7817

■ 42.2675, 22.9425,
15.7165

■ 40.7480, 21.2063,
11.1936

■ 39.9181, 20.4392,
8.1650

Harmonies

Analogous

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



60.8761, 52.5562, 75.9167



62.7118, 52.5562, 57.2912



60.9025, 52.5562, 41.9777

Triad

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



62.7118, 52.5562, 57.2912



44.2988, 52.5562, 32.6334



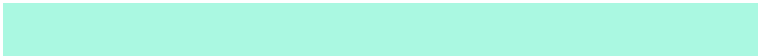
44.2617, 52.5562, 91.7340

Complementary

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



62.7118, 52.5562, 57.2912



63.7379, 81.1185, 83.5363

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.



40.4016, 52.5562, 75.7779



62.7118, 52.5562, 57.2912



40.4217, 52.5562, 41.8842

Square

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



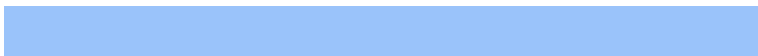
62.7118, 52.5562, 57.2912



49.9763, 52.5562, 29.6382



39.0541, 52.5562, 57.1584



49.9299, 52.5562, 98.1263

Rectangle

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



62.7118, 52.5562, 57.2912



57.9511, 52.5562, 35.0682



39.0541, 52.5562, 57.1584



42.7270, 52.5562, 87.1692

Sweetspot

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



62.7133, 52.5587, 57.2923



85.6635, 85.2225, 93.4538



62.2467, 51.4728, 95.4619



18.0322, 17.7658, 19.4970



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.



62.7133, 52.5587, 57.2923



62.4181, 49.3215, 53.0583



63.4437, 57.8107, 45.8480



17.4551, 17.3094, 18.9865



21.6168, 11.0624, 4.6906



2.0463, 1.0423, 0.6675

Inverse Universe

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



62.7133, 52.5587, 57.2923



62.4181, 49.3215, 53.0583



62.4921, 73.2637, 99.6550



17.4551, 17.3094, 18.9865



21.6168, 11.0624, 4.6906



2.0463, 1.0423, 0.6675

Previews

White Background



This preview shows how the XYZ color 62.7118, 52.5562, 57.2912 looks on a white background.

Color Contrast Check

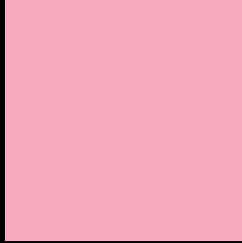
Large Text (above 18pt) WCAG AA × Fail

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 62.7118, 52.5562, 57.2912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

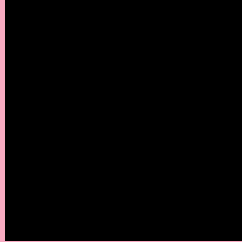
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.7118, 52.5562, 57.2912

Background



This preview shows how black text looks on a background with the XYZ color 62.7118, 52.5562, 57.2912.



This preview shows how white text looks on a background with the XYZ color 62.7118, 52.5562,

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

62.7118, 52.5562, 57.2912

Protanopia

51.3885, 52.8758, 65.2552

Deuteranopia

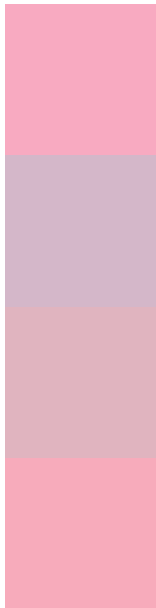
53.7171, 52.6844, 56.0531



Tritanopia

61.5724, 52.3607, 52.2088

Trichromacy



Original Color

62.7118, 52.5562, 57.2912

Protanomaly

54.6275, 52.0811, 62.4318

Deuteranomaly

56.4657, 52.2514, 56.3997

Tritanomaly

61.8903, 52.4878, 53.8829

Monochromacy



Original Color

62.7118, 52.5562, 57.2912

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

55.6450, 53.9279, 59.1061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7118, 52.5562, 57.2912 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(248, 170, 193)` looks like.

```
.text, #text, p{  
    color:rgb(248, 170, 193)  
}
```

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(248, 170, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 170, 193) }
```

Border

The CSS property to change the border of an element to XYZ 62.7118, 52.5562, 57.2912 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(248, 170, 193) }
```


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

```
.border{ border-color:rgb(248, 170, 193) }
```

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

Here you see how a box with a 4 pixel rgb(248, 170, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 170, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 170, 193);  
box-shadow:4px 4px 4px 4px rgb(248, 170,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7118, 52.5562, 57.2912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 170, 193) }
```

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

```
.background{ background-color: rgb(248,  
170, 193) }
```

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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