

Converting Colors

XYZ(167.7027, 113.4963,
58.7657)

Have a look what the booklet for
XYZ(167.7027, 113.4963, 58.7657)
contains.

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Color

**XYZ(68.8466, 62.4621,
54.3267)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0B9
RGB	255, 192, 185
RGB Percent	100%, 75%, 73%
CMY	0.0000, 0.2470, 0.2745
CMYK	0.00, 0.25, 0.27, 0.00
HSL	6°, 100%, 86%
HSV	6°, 27%, 100%
XYZ	68.8466, 62.4621, 54.3267
YIQ	210.0390, 39.7950, 11.1790

Conversions

Conversions Part 2

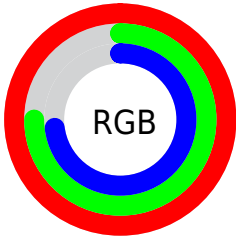
Format	Color
R _Y B	255, 193, 185
Decimal	16761017
CIE Lab	83.16, 21.63, 12.33
CIE LCh	83, 24.902, 29.692
Yxy	62.4621, 0.3709, 0.3365
Android (android.graphics.Color)	4294951097 (0xFFFFC0B9)
YUV	210.0390, -12.3442, 39.4308
Hunter-Lab	79.0330, 17.1859, 14.5676

Details

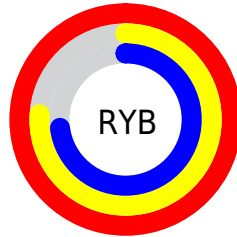
The XYZ color **68.8466, 62.4621, 54.3267** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.6238, 84.6661, 107.1750**, and the grayscale version is **61.3458, 64.5405, 70.2846**.

A 20% lighter version of the original color is **90.9929, 95.3622, 96.8300**, and **36.2793, 31.7132, 26.0389** is the 20% darker color. If you saturate the color by 10%, you get **61.7405, 52.1783, 39.8468**, and if you desaturate by 10%, it is **77.2243, 74.5159, 71.6136**.

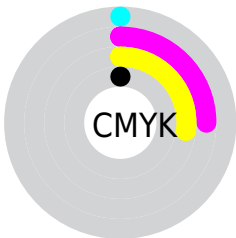
Distribution



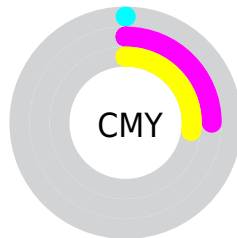
- Red (100%)
- Green (75%)
- Blue (73%)



- Red (100%)
- Yellow (76%)
- Blue (73%)



- Cyan (0%)
- Magenta (25%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.8466, 62.4621, 54.3267 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 68.8466, 62.4621, 54.3267 by changing the saturation by 10% instead.


 68.8466, 62.4621,
54.3267

 68.8466, 62.4621,
54.3267


445.8196,
433.6147, 420.5644

 50.8630, 45.4062,
38.4680


 116.5977,
108.3931, 98.0150

 36.3202, 31.7775,
26.0414


147.0959,
138.0370, 126.6816

 24.8528, 21.1916,
16.6286

182.4964,
172.6457, 160.4547

 16.0956, 13.2641,
9.8109

223.1644,
212.6036, 199.7526

 9.6831, 7.6107,
5.1698

269.4654,
258.2950, 244.9940

 5.2500, 3.8469,
2.2868


321.7647,

 2.4309, 1.5883,


310.1044, 296.5974


0.7238


380.4276,
368.4162, 354.9814


 0.8606, 0.3497,
0.0000


 0.0000, 0.0000,
0.0000


 68.8466, 62.4621,
54.3267


 68.8466, 62.4621,
54.3267

 61.7405, 52.1783,
39.8468


 77.2243, 74.5159,
71.6136

 55.8391, 43.5731,
28.0222

 86.9267, 88.4086,
91.8410

 51.0766, 36.5596,
18.6923

95.0500, 100.0000,
108.9000

 47.3791, 31.0400,
11.6781

■ 44.6636, 26.9055,
6.7760

■ 42.8347, 24.0323,
3.7477

■ 41.7753, 22.2736,
2.2841

■ 41.5988, 21.9777,
2.0496

Harmonies

Analogous

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



70.3612, 62.4621, 68.1706



68.8466, 62.4621, 54.3267



64.7605, 62.4621, 45.4452

Triad

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



68.8466, 62.4621, 54.3267



50.8529, 62.4621, 54.0886



59.3125, 62.4621, 102.2670

Complementary

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



68.8466, 62.4621, 54.3267



71.6238, 84.6661, 107.1750

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.



54.2842, 62.4621, 97.0285



68.8466, 62.4621, 54.3267



49.5846, 62.4621, 67.8508

Square

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



68.8466, 62.4621, 54.3267



54.3753, 62.4621, 45.3231



50.8026, 62.4621, 83.8186



64.6581, 62.4621, 97.2313

Rectangle

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



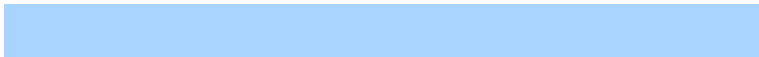
68.8466, 62.4621, 54.3267



61.2446, 62.4621, 42.7619



50.8026, 62.4621, 83.8186



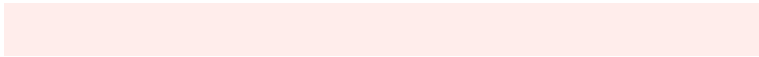
57.5308, 62.4621, 101.6393

Sweetspot

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



68.8482, 62.4650, 54.3280



86.3582, 87.5961, 90.6508



75.5326, 62.7358, 96.9353



18.1556, 18.2793, 18.7157



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.



68.8482, 62.4650, 54.3280



64.7509, 56.5436, 45.9544



77.4663, 79.7013, 57.2007



18.1556, 18.2793, 18.7157



21.7840, 11.5793, 1.0869



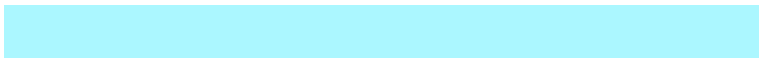
2.1674, 1.2201, 0.1213

Inverse Universe

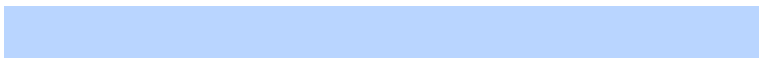
The Inverse Universe completely reimagines the original color for something new.



71.6238, 84.6661, 107.1750



67.9440, 82.1252, 106.8785



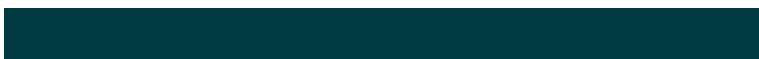
61.8524, 65.1234, 103.9178



18.3904, 20.1524, 23.1705



24.2051, 33.3198, 54.5902



2.3998, 3.3303, 5.3296

Previews

White Background



This preview shows how the XYZ color 68.8466, 62.4621, 54.3267 looks on a white background.

Color Contrast Check

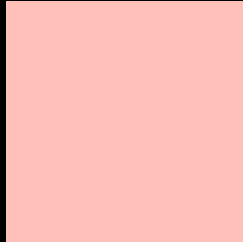
Large Text (above 18pt) WCAG AA × Fail

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 68.8466, 62.4621, 54.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

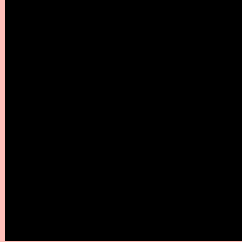
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.8466, 62.4621, 54.3267

Background



This preview shows how black text looks on a background with the XYZ color 68.8466, 62.4621, 54.3267.



This preview shows how white text looks on a background with the XYZ color 68.8466, 62.4621,

54.3267.

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

68.8466, 62.4621, 54.3267

Protanopia

59.9628, 62.9230, 59.4370

Deuteranopia

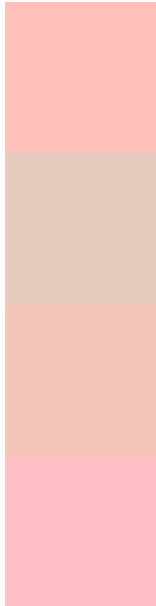
63.8981, 62.6021, 54.0630



Tritanopia

70.5525, 62.4465, 65.4616

Trichromacy



Original Color

68.8466, 62.4621, 54.3267

Protanomaly

63.0479, 62.7818, 57.5103

Deuteranomaly

65.5801, 62.4479, 53.9446

Tritanomaly

69.9488, 62.5528, 61.2105

Monochromacy



Original Color

68.8466, 62.4621, 54.3267

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.2626, 63.0977, 64.1031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.8466, 62.4621, 54.3267 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, 192, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 185)  
}
```

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, 192, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 185) }
```

Border

The CSS property to change the border of an element to XYZ 68.8466, 62.4621, 54.3267 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, 192, 185) }
```


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

```
.border{ border-color:rgb(255, 192, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8466, 62.4621, 54.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 185) }
```

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

```
.background{ background-color: rgb(255,  
192, 185) }
```

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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