

Converting Colors

XYZ(62.8256, 54.3612, 55.8967)

Have a look what the booklet for
XYZ(62.8256, 54.3612, 55.8967)
contains.

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Color

**XYZ(62.8256, 54.3612,
55.8967)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B0BE
RGB	246, 176, 190
RGB Percent	96%, 69%, 75%
CMY	0.0353, 0.3098, 0.2549
CMYK	0.00, 0.28, 0.23, 0.04
HSL	348°, 80%, 83%
HSV	348°, 28%, 96%
XYZ	62.8256, 54.3612, 55.8967
YIQ	198.5260, 37.2260, 19.1940

Conversions

Conversions Part 2

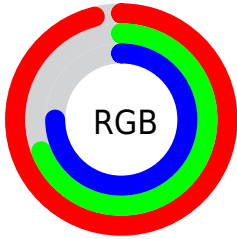
Format	Color
R _{YB}	246, 176, 190
Decimal	16167102
CIE _{Lab}	78.67, 27.48, 3.09
CIE _{LCh}	79, 27.652, 6.406
Y _{xy}	54.3612, 0.3630, 0.3141
Android (android.graphics.Color)	4294357182 (0xFFFF6B0BE)
YUV	198.5260, -4.2033, 41.6347
Hunter-Lab	73.7300, 23.0728, 6.6617

Details

The XYZ color **62.8256, 54.3612, 55.8967** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.4280, 80.9691, 88.5280**, and the grayscale version is **54.0069, 56.8194, 61.8764**.

A 20% lighter version of the original color is **86.7312, 85.6270, 99.1452**, and **32.3374, 26.6634, 27.1091** is the 20% darker color. If you saturate the color by 10%, you get **56.4243, 44.7715, 43.8569**, and if you desaturate by 10%, it is **70.3945, 65.8201, 69.7600**.

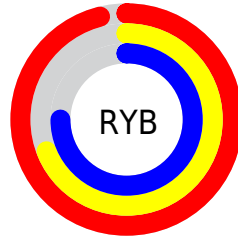
Distribution



Red (96%)

Green (69%)

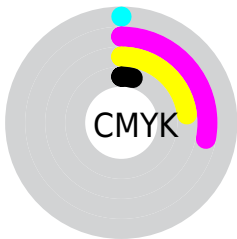
Blue (75%)



Red (96%)

Yellow (69%)

Blue (75%)

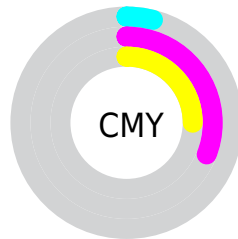


Cyan (0%)

Magenta (28%)

Yellow (23%)

Black (4%)



Cyan (4%)


Magenta (31%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8256, 54.3612, 55.8967 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 62.8256, 54.3612, 55.8967 by changing the saturation by 10% instead.


 62.8256, 54.3612,
55.8967

 62.8256, 54.3612,
55.8967


424.6060,
403.4859, 426.6795

 45.9583, 38.8905,
39.7167


 108.0011, 96.6044,
100.3378

 32.4174, 26.6746,
27.0056


137.0399,
124.1457, 129.4360

 21.8376, 17.3290,
17.3450


170.8667,
156.4793, 163.6773

 13.8535, 10.4693,
10.3162

209.8467,
193.9896, 203.4802

 8.0999, 5.7112,
5.5008

254.3452,
237.0610, 249.2634

 4.2113, 2.6703,
2.4801


304.7277,

 1.8223, 0.9621,


286.0779, 301.4453


0.8296


361.3595,
341.4248, 360.4444


 0.5311, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 62.8256, 54.3612,
55.8967


 62.8256, 54.3612,
55.8967


 56.4243, 44.7715,
43.8569


 70.3945, 65.8201,
69.7600


 51.1271, 36.9442,
33.5607

 79.1809, 79.2324,
85.5155

 46.8716, 30.7737,
24.9270

 89.2375, 94.6861,
103.2325

 43.5871, 26.1396,
17.8668

 91.8162, 98.3329,
108.7487

■ 41.1936, 22.9053,
12.2825

■ 39.5980, 20.9095,
8.0649

■ 38.6725, 19.9255,
5.0840

■ 38.5645, 19.8162,
4.7188

Harmonies

Analogous

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



61.9046, 54.3612, 72.0653



62.8256, 54.3612, 55.8967



60.5919, 54.3612, 43.0712

Triad

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



62.8256, 54.3612, 55.8967



45.6820, 54.3612, 38.1302



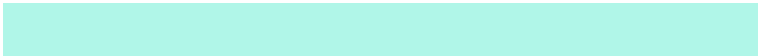
47.5775, 54.3612, 91.2588

Complementary

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



62.8256, 54.3612, 55.8967



65.4280, 80.9691, 88.5280

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.



43.6676, 54.3612, 78.8993



62.8256, 54.3612, 55.8967



42.6283, 54.3612, 47.9477

Square

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



62.8256, 54.3612, 55.8967



50.5056, 54.3612, 34.0462



41.9176, 54.3612, 62.6104



52.8495, 54.3612, 94.3995

Rectangle

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



62.8256, 54.3612, 55.8967



57.7011, 54.3612, 37.5020



41.9176, 54.3612, 62.6104



46.0721, 54.3612, 87.9503

Sweetspot

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



62.8271, 54.3637, 55.8978



85.3440, 85.0947, 91.7711



65.4404, 54.8630, 94.3296



17.9540, 17.7345, 19.0851



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.



62.8271, 54.3637, 55.8978



64.1223, 52.9058, 53.0836



65.8105, 62.6622, 49.7039



16.6346, 16.5367, 17.8223



20.6236, 10.5929, 2.7261



1.8477, 0.9450, 0.4242

Inverse Universe

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



62.8271, 54.3637, 55.8978



64.1223, 52.9058, 53.0836



61.4663, 69.7362, 97.4099



16.6346, 16.5367, 17.8223



20.6236, 10.5929, 2.7261



1.8477, 0.9450, 0.4242

Previews

White Background



This preview shows how the XYZ color 62.8256, 54.3612, 55.8967 looks on a white background.

Color Contrast Check

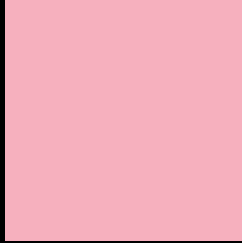
Large Text (above 18pt) WCAG AA × Fail

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 62.8256, 54.3612, 55.8967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

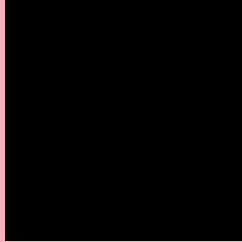
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8256, 54.3612, 55.8967

Background



This preview shows how black text looks on a background with the XYZ color 62.8256, 54.3612, 55.8967.



This preview shows how white text looks on a background with the XYZ color 62.8256, 54.3612,

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

62.8256, 54.3612, 55.8967

Protanopia

52.7431, 54.6240, 62.4072

Deuteranopia

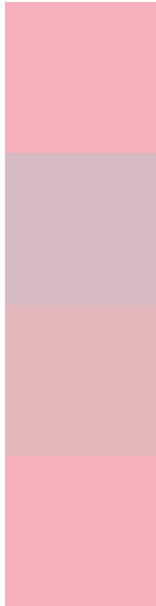
55.8900, 54.7777, 55.2044



Tritanopia

62.8256, 54.3612, 55.8967

Trichromacy



Original Color

62.8256, 54.3612, 55.8967

Protanomaly

55.7585, 53.9732, 59.7036

Deuteranomaly

58.3207, 54.4491, 55.5800

Tritanomaly

62.8256, 54.3612, 55.8967

Monochromacy



Original Color

62.8256, 54.3612, 55.8967

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.9135, 55.8461, 60.0043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8256, 54.3612, 55.8967 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(246, 176, 190)` looks like.

```
.text, #text, p{  
    color:rgb(246, 176, 190)  
}
```

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(246, 176, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 176, 190) }
```

Border

The CSS property to change the border of an element to XYZ 62.8256, 54.3612, 55.8967 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(246, 176, 190) }
```


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

```
.border{ border-color:rgb(246, 176, 190) }
```

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

Here you see how a box with a 4 pixel rgb(246, 176, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 176, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 176, 190);  
box-shadow:4px 4px 4px 4px rgb(246, 176,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8256, 54.3612, 55.8967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 176, 190) }
```

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

```
.background{ background-color: rgb(246,  
176, 190) }
```

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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