

Converting Colors

XYZ(69.6804, 49.0432, 38.2499)

Have a look what the booklet for
XYZ(69.6804, 49.0432, 38.2499)
contains.

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Color

**XYZ(56.7896, 42.4848,
37.5550)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF8C9E |
| RGB | 255, 140, 158 |
| RGB Percent | 100%, 55%, 62% |
| CMY | 0.0000, 0.4510, 0.3804 |
| CMYK | 0.00, 0.45, 0.38, 0.00 |
| HSL | 351°, 100%, 77% |
| HSV | 351°, 45%, 100% |
| XYZ | 56.7896, 42.4848, 37.5550 |
| YIQ | 176.4370, 62.7620, 29.9780 |

Conversions

Conversions Part 2

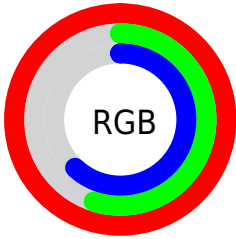
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 255, 140, 158 |
| Decimal | 16747678 |
| CIE _{Lab} | 71.20, 45.25, 10.09 |
| CIE _{LCh} | 71, 46.360, 12.573 |
| Yxy | 42.4848, 0.4150, 0.3105 |
| Android (android.graphics.Color) | 4294937758 (0xFFFF8C9E) |
| YUV | 176.4370, -9.0894, 68.8998 |
| Hunter-Lab | 65.1804, 41.4558, 11.4651 |

Details

The XYZ color **56.7896, 42.4848, 37.5550** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.8634, 83.2107, 92.9262**, and the grayscale version is **41.5192, 43.6814, 47.5691**.

A 20% lighter version of the original color is **72.7653, 65.0943, 71.6801**, and **28.5677, 19.4800, 16.1643** is the 20% darker color. If you saturate the color by 10%, you get **51.7936, 35.2009, 27.5406**, and if you desaturate by 10%, it is **62.9752, 51.6290, 49.5654**.

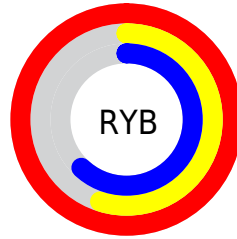
Distribution



Red (100%)

Green (55%)

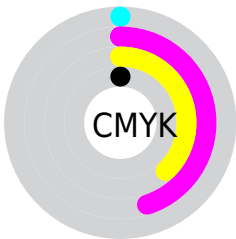
Blue (62%)



Red (100%)

Yellow (55%)

Blue (62%)

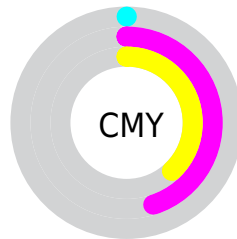


Cyan (0%)

Magenta (45%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7896, 42.4848, 37.5550 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 56.7896, 42.4848, 37.5550 by changing the saturation by 10% instead.

 56.7896, 42.4848,
37.5550

 56.7896, 42.4848,
37.5550


402.6874,
356.4887, 350.9479


 41.0758, 29.4811,
25.3383


 99.2913, 78.9328,
72.6214

 28.5663, 19.4451,
16.1080


 126.8098,
103.1459, 96.3082

 18.8956, 11.9923,
9.4454


 158.9941,
131.8643, 124.6555

 11.6984, 6.7384,
4.9321

196.2093,
165.4723, 158.0818

 6.6094, 3.2991,
2.1494

238.8209,
204.3543, 197.0057

 3.2632, 1.2898,
0.6450

287.1942,

 1.2944, 0.1333,

248.8948, 241.8456

0.0000

341.6946,
299.4782, 293.0202

■ 0.1790, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7896, 42.4848,
37.5550

■ 56.7896, 42.4848,
37.5550

■ 51.7936, 35.2009,
27.5406

■ 62.9752, 51.6290,
49.5654

■ 47.9064, 29.6433,
19.4108

■ 70.4174, 62.7428,
63.6702

■ 45.0424, 25.6701,
13.0466

■ 79.1820, 75.9345,
79.9641

■ 43.1017, 23.1140,
8.3141

■ 89.3295, 91.3027,
98.5351

■ 41.9632, 21.7696, 95.0499, 100.0000,
5.0592 108.9000

■ 41.6213, 21.4125,
3.9380

Harmonies

Analogous

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



56.3795, 42.4848, 60.2941



56.7896, 42.4848, 37.5550



52.4133, 42.4848, 22.9283

Triad

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



56.7896, 42.4848, 37.5550



31.0922, 42.4848, 21.3606



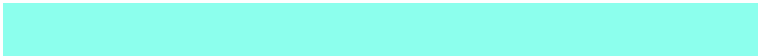
36.0690, 42.4848, 100.2746

Complementary

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



56.7896, 42.4848, 37.5550



61.8634, 83.2107, 92.9262

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.



30.3466, 42.4848, 81.6671



56.7896, 42.4848, 37.5550



27.7367, 42.4848, 34.5903

Square

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



56.7896, 42.4848, 37.5550



37.2146, 42.4848, 15.8021



27.4825, 42.4848, 56.2129



43.7212, 42.4848, 101.8538

Rectangle

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



56.7896, 42.4848, 37.5550



47.6612, 42.4848, 17.7241



27.4825, 42.4848, 56.2129



33.8819, 42.4848, 95.5834

Sweetspot

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



56.7907, 42.4869, 37.5558



80.2249, 77.5097, 81.8854



61.9662, 43.7828, 99.7925



16.7351, 15.9313, 16.7222



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.



56.7907, 42.4869, 37.5558



52.2853, 35.9122, 28.5435



61.9619, 55.1292, 32.1890



18.1252, 18.0334, 19.2766



21.7822, 11.2022, 2.2375



2.1528, 1.1035, 0.3860

Inverse Universe

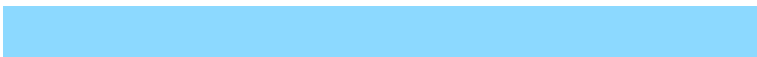
The Inverse Universe completely reimagines the original color for something new.



56.7907, 42.4869, 37.5558



52.2853, 35.9122, 28.5435



53.5940, 62.2513, 103.7986



18.1252, 18.0334, 19.2766



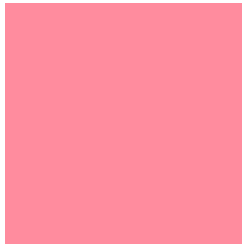
21.7822, 11.2022, 2.2375



2.1528, 1.1035, 0.3860

Previews

White Background



This preview shows how the XYZ color 56.7896, 42.4848, 37.5550 looks on a white background.

Color Contrast Check

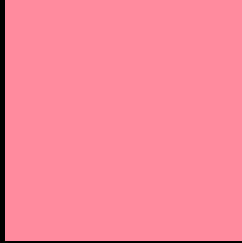
Large Text (above 18pt) WCAG AA × Fail

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 56.7896, 42.4848, 37.5550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

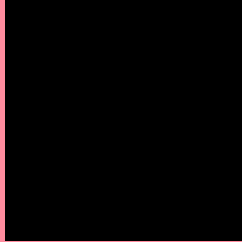
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.7896, 42.4848, 37.5550

Background



This preview shows how black text looks on a background with the XYZ color 56.7896, 42.4848, 37.5550.



This preview shows how white text looks on a background with the XYZ color 56.7896, 42.4848,

37.5550.

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

56.7896, 42.4848, 37.5550

Protanopia

41.2033, 42.7935, 47.6833

Deuteranopia

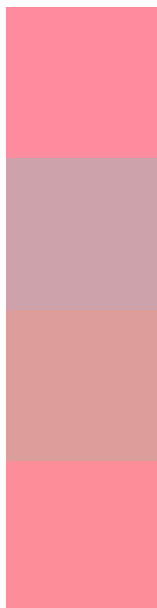
43.3056, 42.4473, 36.0477



Tritanopia

55.9838, 42.3549, 34.5028

Trichromacy



Original Color

56.7896, 42.4848, 37.5550

Protanomaly

45.3529, 41.7221, 43.6930

Deuteranomaly

47.3567, 41.8803, 36.5981

Tritanomaly

56.2307, 42.4537, 35.8025

Monochromacy



Original Color

56.7896, 42.4848, 37.5550

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

45.4355, 42.0381, 43.2556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7896, 42.4848, 37.5550 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, 140, 158)` looks like.

```
.text, #text, p{  
  color:rgb(255, 140, 158)  
}
```

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, 140, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 158) }
```

Border

The CSS property to change the border of an element to XYZ 56.7896, 42.4848, 37.5550 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, 140, 158) }
```


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

```
.border{ border-color:rgb(255, 140, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7896, 42.4848, 37.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 158) }
```

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

```
.background{ background-color: rgb(255,  
140, 158) }
```

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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