

Converting Colors

XYZ(58.0958, 46.2762, 42.4372)

Have a look what the booklet for
XYZ(58.0958, 46.2762, 42.4372)
contains.

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Color

**XYZ(57.9550, 46.2252,
42.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	FA9AA7
RGB	250, 154, 167
RGB Percent	98%, 60%, 65%
CMY	0.0196, 0.3961, 0.3451
CMYK	0.00, 0.38, 0.33, 0.02
HSL	352°, 91%, 79%
HSV	352°, 38%, 98%
XYZ	57.9550, 46.2252, 42.4270
YIQ	184.1860, 53.0430, 24.3950

Conversions

Conversions Part 2

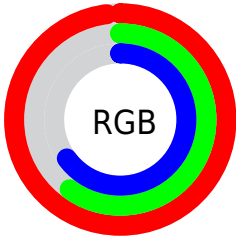
Format	Color
R_{YB}	250, 154, 167
Decimal	16423591
CIE _{Lab}	73.69, 37.39, 8.56
CIE _{LCh}	74, 38.355, 12.896
Yxy	46.2252, 0.3953, 0.3153
Android (android.graphics.Color)	4294613671 (0xFFFA9AA7)
YUV	184.1860, -8.4727, 57.7189
Hunter-Lab	67.9891, 33.1753, 10.5939

Details

The XYZ color **57.9550, 46.2252, 42.4270** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.8002, 81.3568, 92.5186**, and the grayscale version is **45.6887, 48.0681, 52.3462**.

A 20% lighter version of the original color is **77.2253, 72.1349, 78.9604**, and **29.2340, 21.6215, 18.8522** is the 20% darker color. If you saturate the color by 10%, you get **52.4161, 38.0825, 31.5321**, and if you desaturate by 10%, it is **64.6896, 56.2244, 55.3692**.

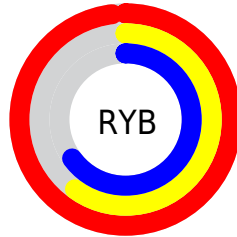
Distribution



Red (98%)

Green (60%)

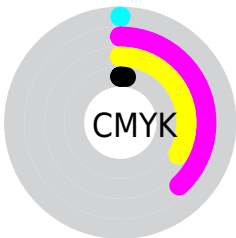
Blue (65%)



Red (98%)

Yellow (60%)

Blue (65%)

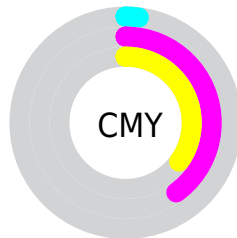


Cyan (0%)

Magenta (38%)

Yellow (33%)

Black (2%)



Cyan (2%)


Magenta (40%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9550, 46.2252, 42.4270 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 57.9550, 46.2252, 42.4270 by changing the saturation by 10% instead.


 57.9550, 46.2252,
42.4270


 57.9550, 46.2252,
42.4270


406.9748,
371.7133, 372.1017

 42.0156, 32.4236,
29.1077


 100.9807, 84.5559,
80.1225

 29.3047, 21.6852,
18.9160


 128.7976,
109.8538, 105.3358

 19.4569, 13.6258,
11.4334

161.3045,
139.7526, 135.3509

 12.1068, 7.8609,
6.2413

198.8666,
174.6366, 170.5863

 6.8892, 4.0060,
2.9212

241.8494,
214.8903, 211.4606

 3.4386, 1.6769,
1.0546

290.6181,

 1.3897, 0.4087,

260.8980, 258.3922

0.0000

345.5381,
313.0442, 311.7997

■ 0.2489, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9550, 46.2252,
42.4270

■ 57.9550, 46.2252,
42.4270

■ 52.4161, 38.0825,
31.5321

■ 64.6896, 56.2244,
55.3692

■ 47.9989, 31.6754,
22.5766

■ 72.6807, 68.1776,
70.4538

■ 44.6268, 26.8793,
15.4465

■ 81.9895, 82.1839,
87.7729

■ 42.2118, 23.5501,
10.0148

■ 92.6720, 98.3333,
107.4127

■ 40.6513, 21.5180,
6.1379

■ 93.2344, 99.0640,
108.8150

■ 39.8067, 20.5465,
3.6434

■ 39.7109, 20.4386,
3.3535

Harmonies

Analogous

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



57.6567, 46.2252, 62.1687



57.9550, 46.2252, 42.4270



54.2286, 46.2252, 28.9011

Triad

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



57.9550, 46.2252, 42.4270



35.6222, 46.2252, 27.5787



40.2009, 46.2252, 95.2817

Complementary

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



57.9550, 46.2252, 42.4270



62.8002, 81.3568, 92.5186

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.



35.0352, 46.2252, 80.3690



57.9550, 46.2252, 42.4270



32.5850, 46.2252, 40.1010

Square

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



57.9550, 46.2252, 42.4270



41.0812, 46.2252, 21.9401



32.3818, 46.2252, 59.1612



46.9193, 46.2252, 96.3749

Rectangle

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



57.9550, 46.2252, 42.4270



50.1668, 46.2252, 23.8123



32.3818, 46.2252, 59.1612



38.2431, 46.2252, 91.5719

Sweetspot

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



57.9562, 46.2275, 42.4279



82.0823, 80.4182, 84.9902



63.2718, 47.7802, 96.3303



17.2936, 16.7983, 17.6795



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.



57.9562, 46.2275, 42.4279



56.0832, 41.6701, 35.4754



63.1565, 58.4550, 38.5289



17.3403, 17.2635, 18.3816



21.0933, 10.8530, 1.9339



1.9822, 1.0166, 0.3297

Inverse Universe

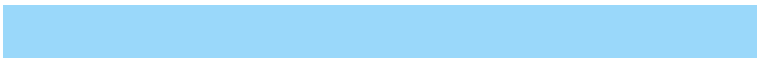
The Inverse Universe completely reimagines the original color for something new.



57.9562, 46.2275, 42.4279



56.0832, 41.6701, 35.4754



55.2421, 63.0910, 99.7088



17.3403, 17.2635, 18.3816



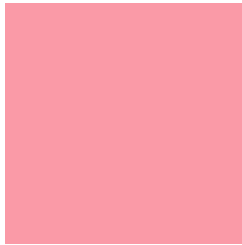
21.0933, 10.8530, 1.9339



1.9822, 1.0166, 0.3297

Previews

White Background



This preview shows how the XYZ color 57.9550, 46.2252, 42.4270 looks on a white background.

Color Contrast Check

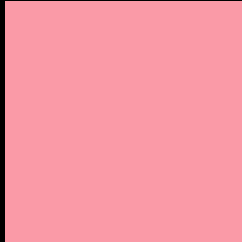
Large Text (above 18pt) WCAG AA × Fail

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 57.9550, 46.2252, 42.4270 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 57.9550, 46.2252, 42.4270

Background



This preview shows how black text looks on a background with the XYZ color 57.9550, 46.2252, 42.4270.



This preview shows how white text looks on a background with the XYZ color 57.9550, 46.2252,

42.4270.

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

57.9550, 46.2252, 42.4270

Protanopia

44.9750, 46.7394, 50.9071

Deuteranopia

47.3944, 46.4261, 41.1135



Tritanopia

57.8629, 46.1884, 41.9419

Trichromacy



Original Color

57.9550, 46.2252, 42.4270



Protanomaly

48.7932, 45.8555, 47.8743



Deuteranomaly

50.6438, 45.8474, 41.3022



Tritanomaly

57.8629, 46.1884, 41.9419

Monochromacy



Original Color

57.9550, 46.2252, 42.4270



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

48.9919, 46.5114, 48.5149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9550, 46.2252, 42.4270 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(250, 154, 167)` looks like.

```
.text, #text, p{  
    color:rgb(250, 154, 167)  
}
```

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(250, 154, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 154, 167) }
```

Border

The CSS property to change the border of an element to XYZ 57.9550, 46.2252, 42.4270 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(250, 154, 167) }
```


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

```
.border{ border-color:rgb(250, 154, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 154, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 154, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 154, 167);  
box-shadow:4px 4px 4px 4px rgb(250, 154,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9550, 46.2252, 42.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 154, 167) }
```

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

```
.background{ background-color: rgb(250,  
154, 167) }
```

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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