

Converting Colors

XYZ(57.4658, 42.9477, 42.3067)

Have a look what the booklet for
XYZ(57.4658, 42.9477, 42.3067)
contains.

XYZ(57.4658, 42.9477, 42.3067)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.4658, 42.9477,
42.3067)**

Conversions

Conversions Part 1

Format	Color
Hex	FE8DA8
RGB	254, 141, 168
RGB Percent	100%, 55%, 66%
CMY	0.0039, 0.4470, 0.3412
CMYK	0.00, 0.44, 0.34, 0.00
HSL	346°, 98%, 77%
HSV	346°, 44%, 100%
XYZ	57.4658, 42.9477, 42.3067
YIQ	177.8650, 58.6810, 32.3530

Conversions

Conversions Part 2

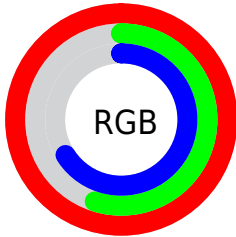
Format	Color
R_{YB}	254, 141, 168
Decimal	16682408
CIE _{Lab}	71.52, 45.55, 4.95
CIE _{LCh}	72, 45.822, 6.206
Yxy	42.9477, 0.4026, 0.3009
Android (android.graphics.Color)	4294872488 (0xFFFE8DA8)
YUV	177.8650, -4.8634, 66.7704
Hunter-Lab	65.5345, 41.8375, 7.5987

Details

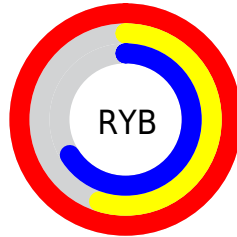
The XYZ color **57.4658, 42.9477, 42.3067** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.2935, 82.0934, 85.3453**, and the grayscale version is **42.2499, 44.4502, 48.4062**.

A 20% lighter version of the original color is **74.5255, 66.5202, 78.7238**, and **28.8902, 19.7097, 18.8047** is the 20% darker color. If you saturate the color by 10%, you get **52.4717, 35.6306, 32.4072**, and if you desaturate by 10%, it is **63.5887, 52.0936, 53.9043**.

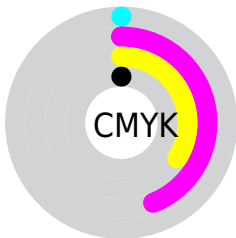
Distribution



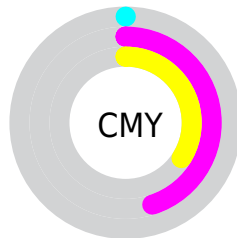
- Red (100%)
- Green (55%)
- Blue (66%)



- Red (100%)
- Yellow (55%)
- Blue (66%)



- Cyan (0%)
- Magenta (44%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4658, 42.9477, 42.3067 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 57.4658, 42.9477, 42.3067 by changing the saturation by 10% instead.


 57.4658, 42.9477,
42.3067


 57.4658, 42.9477,
42.3067

405.1785,
358.3966, 371.5899

 41.6209, 29.8441,
29.0142


 100.2720, 79.6319,
79.9387

 28.9944, 19.7203,
18.8459


 127.9640,
103.9813, 105.1152

 19.2208, 12.1919,
11.3833


160.3358,
132.8481, 135.0901

 11.9349, 6.8745,
6.2078

197.7526,
166.6167, 170.2820

 6.7713, 3.3837,
2.9010

240.5800,
205.6714, 211.1094

 3.3645, 1.3352,
1.0443

289.1832,

 1.3493, 0.1682,

250.3967, 257.9908

0.0000

343.9276,
301.1770, 311.3448

■ 0.2197, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4658, 42.9477,
42.3067

■ 57.4658, 42.9477,
42.3067

■ 52.4717, 35.6306,
32.4072

■ 63.5887, 52.0936,
53.9043

■ 48.5316, 30.0121,
24.1215

■ 70.9019, 63.1740,
67.2737

■ 45.5671, 25.9552,
17.3615

■ 79.4664, 76.2941,
82.4871

■ 43.4863, 23.2985,
12.0288

■ 89.3379, 91.5497,
99.6119

■ 42.1785, 21.8444,
8.0121

94.6831, 99.8109,
108.8828

■ 41.7068, 21.4043,
6.3031

Harmonies

Analogous

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



55.9999, 42.9477, 66.1413



57.4658, 42.9477, 42.3067



54.0378, 42.9477, 25.8426

Triad

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



57.4658, 42.9477, 42.3067



32.6493, 42.9477, 20.1232



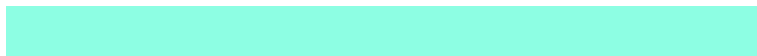
35.1086, 42.9477, 97.5764

Complementary

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



57.4658, 42.9477, 42.3067



60.2935, 82.0934, 85.3453

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.



29.9559, 42.9477, 76.7105



57.4658, 42.9477, 42.3067



28.6665, 42.9477, 31.5954

Square

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



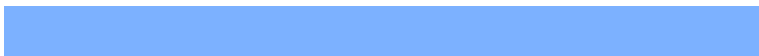
57.4658, 42.9477, 42.3067



39.2334, 42.9477, 15.9104



27.7466, 42.9477, 51.5212



42.4498, 42.9477, 103.1854

Rectangle

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



57.4658, 42.9477, 42.3067



49.6655, 42.9477, 19.5424



27.7466, 42.9477, 51.5212



33.0934, 42.9477, 91.8518

Sweetspot

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



57.4670, 42.9498, 42.3075



81.5720, 79.1231, 85.6663



58.7016, 42.3362, 98.8439



17.0183, 16.2560, 17.5623



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.



57.4670, 42.9498, 42.3075



53.6172, 36.9284, 34.0667



59.9168, 51.4651, 31.9778



18.1872, 18.0582, 19.6030



22.0358, 11.3036, 3.5732



2.1860, 1.1168, 0.5609

Inverse Universe

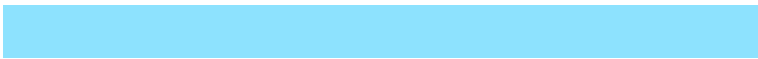
The Inverse Universe completely reimagines the original color for something new.



57.4670, 42.9498, 42.3075



53.6172, 36.9284, 34.0667



56.0040, 67.0769, 103.7615



18.1872, 18.0582, 19.6030



22.0358, 11.3036, 3.5732



2.1860, 1.1168, 0.5609

Previews

White Background



This preview shows how the XYZ color 57.4658, 42.9477, 42.3067 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 57.4658, 42.9477, 42.3067 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 57.4658, 42.9477, 42.3067

Background



This preview shows how black text looks on a background with the XYZ color 57.4658, 42.9477, 42.3067.



This preview shows how white text looks on a background with the XYZ color 57.4658, 42.9477,

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

57.4658, 42.9477, 42.3067

Protanopia

41.9788, 43.3618, 53.1708

Deuteranopia

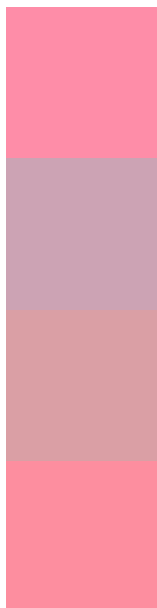
43.8248, 42.8906, 40.6192



Tritanopia

56.1632, 42.8607, 35.8847

Trichromacy



Original Color

57.4658, 42.9477, 42.3067

Protanomaly

46.2373, 42.3270, 48.9130

Deuteranomaly

48.1031, 42.4183, 41.2496

Tritanomaly

56.4390, 42.7319, 38.0743

Monochromacy



Original Color

57.4658, 42.9477, 42.3067

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

46.5487, 43.0881, 45.9078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4658, 42.9477, 42.3067 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(254, 141, 168)` looks like.

```
.text, #text, p{  
    color:rgb(254, 141, 168)  
}
```

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(254, 141, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 141, 168) }
```

Border

The CSS property to change the border of an element to XYZ 57.4658, 42.9477, 42.3067 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(254, 141, 168) }
```


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

```
.border{ border-color:rgb(254, 141, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 141, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 141, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 141, 168);  
box-shadow:4px 4px 4px 4px rgb(254, 141,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4658, 42.9477, 42.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 141, 168) }
```

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

```
.background{ background-color: rgb(254,  
141, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor