

Converting Colors

XYZ(57.6956, 43.5142, 40.2696)

Have a look what the booklet for
XYZ(57.6956, 43.5142, 40.2696)
contains.

XYZ(57.7633, 43.5853, 40.4903)	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(57.7633, 43.5853,
40.4903)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8FA4
RGB	255, 143, 164
RGB Percent	100%, 56%, 64%
CMY	0.0000, 0.4392, 0.3569
CMYK	0.00, 0.44, 0.36, 0.00
HSL	349°, 100%, 78%
HSV	349°, 44%, 100%
XYZ	57.7633, 43.5853, 40.4903
YIQ	178.8820, 60.0110, 30.2750

Conversions

Conversions Part 2

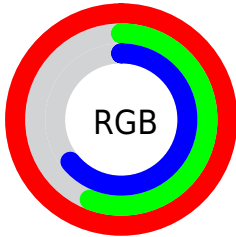
Format	Color
R _Y B	255, 143, 164
Decimal	16748452
CIE Lab	71.95, 44.42, 7.82
CIE LCh	72, 45.106, 9.979
Yxy	43.5853, 0.4072, 0.3073
Android (android.graphics.Color)	4294938532 (0xFFFF8FA4)
YUV	178.8820, -7.3368, 66.7555
Hunter-Lab	66.0192, 40.6446, 9.8502

Details

The XYZ color **57.7633, 43.5853, 40.4903** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.9411, 83.3011, 90.6607**, and the grayscale version is **42.8016, 45.0306, 49.0383**.

A 20% lighter version of the original color is **74.4496, 67.2213, 76.0689**, and **29.0865, 20.0843, 17.6729** is the 20% darker color. If you saturate the color by 10%, you get **52.6398, 36.0928, 30.2906**, and if you desaturate by 10%, it is **64.0640, 52.9439, 52.5873**.

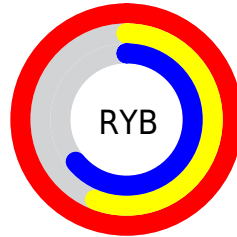
Distribution



Red (100%)

Green (56%)

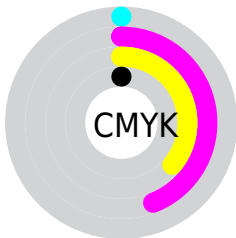
Blue (64%)



Red (100%)

Yellow (56%)

Blue (64%)

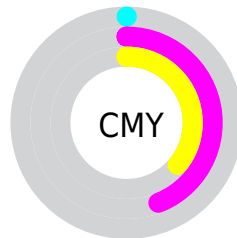


Cyan (0%)

Magenta (44%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (44%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7633, 43.5853, 40.4903 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 57.7633, 43.5853, 40.4903 by changing the saturation by 10% instead.


 57.7633, 43.5853,
40.4903


 57.7633, 43.5853,
40.4903


406.2715,
361.0133, 363.7992

 41.8609, 30.3446,
27.6043

 100.7030, 80.5934,
77.1548

 29.1830, 20.1003,
17.7912


 128.4711,
105.1295, 101.7704

 19.3643, 12.4680,
10.6323


160.9251,
134.1996, 131.1330

 12.0394, 7.0632,
5.7091

198.4304,
168.1881, 165.6610

 6.8429, 3.5017,
2.6031

241.3523,
207.4793, 205.7731

 3.4095, 1.3989,
0.8941

290.0562,

 1.3738, 0.2159,

252.4576, 251.8878

0.0000

344.9075,
303.5075, 304.4237

■ 0.2375, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7633, 43.5853,
40.4903

■ 57.7633, 43.5853,
40.4903

■ 52.6398, 36.0928,
30.2906

■ 64.0640, 52.9439,
52.5873

■ 48.6155, 30.3346,
21.8881

■ 71.6061, 64.2759,
66.6694

■ 45.6084, 26.1721,
15.1771

■ 80.4536, 77.6879,
82.8220

■ 43.5229, 23.4423,
10.0394

■ 90.6646, 93.2772,
101.1248

■ 42.2443, 21.9467, 95.0500, 100.0000,
6.3404 108.9000

■ 41.7694, 21.4718,
4.7178

Harmonies

Analogous

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



56.9312, 43.5853, 63.4828



57.7633, 43.5853, 40.4903



53.8222, 43.5853, 25.1163

Triad

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



57.7633, 43.5853, 40.4903



32.6335, 43.5853, 21.8402



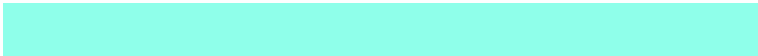
36.5673, 43.5853, 99.4037

Complementary

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



57.7633, 43.5853, 40.4903



61.9411, 83.3011, 90.6607

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.



31.0971, 43.5853, 80.1982



57.7633, 43.5853, 40.4903



29.0283, 43.5853, 34.3843

Square

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



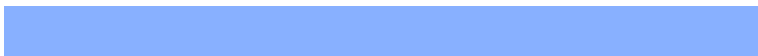
57.7633, 43.5853, 40.4903



38.9166, 43.5853, 16.7739



28.5029, 43.5853, 55.1802



44.0421, 43.5853, 102.5780

Rectangle

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



57.7633, 43.5853, 40.4903



49.2740, 43.5853, 19.4222



28.5029, 43.5853, 55.1802



34.4598, 43.5853, 94.3795

Sweetspot

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



57.7645, 43.5875, 40.4911



81.3340, 79.0279, 84.4126



61.3478, 44.1237, 99.8911



16.9602, 16.2328, 17.2564



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.



57.7645, 43.5875, 40.4911



53.0635, 36.7069, 31.1512



61.8427, 54.5319, 33.2557



18.1484, 18.0427, 19.3989



21.8650, 11.2353, 2.6734



2.1642, 1.1080, 0.4460

Inverse Universe

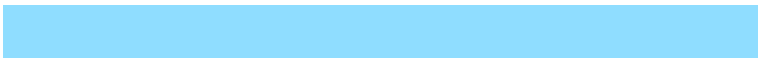
The Inverse Universe completely reimagines the original color for something new.



57.7645, 43.5875, 40.4911



53.0635, 36.7069, 31.1512



55.3417, 64.9858, 104.2344



18.1484, 18.0427, 19.3989



21.8650, 11.2353, 2.6734



2.1642, 1.1080, 0.4460

Previews

White Background



This preview shows how the XYZ color 57.7633, 43.5853, 40.4903 looks on a white background.

Color Contrast Check

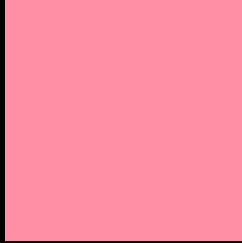
Large Text (above 18pt) WCAG AA × Fail

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 57.7633, 43.5853, 40.4903 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 57.7633, 43.5853, 40.4903

Background



This preview shows how black text looks on a background with the XYZ color 57.7633, 43.5853, 40.4903.



This preview shows how white text looks on a background with the XYZ color 57.7633, 43.5853,

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

57.7633, 43.5853, 40.4903

Protanopia

42.3289, 43.8930, 50.4972

Deuteranopia

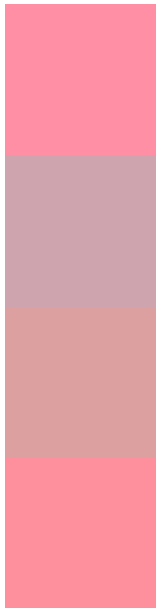
44.4522, 43.5320, 38.8605



Tritanopia

56.9148, 43.6882, 36.4433

Trichromacy



Original Color

57.7633, 43.5853, 40.4903

Protanomaly

46.4669, 42.7679, 46.3634

Deuteranomaly

48.5190, 42.9305, 39.4474

Tritanomaly

57.0179, 43.4860, 37.7362

Monochromacy



Original Color

57.7633, 43.5853, 40.4903

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

47.0083, 43.5938, 45.9812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7633, 43.5853, 40.4903 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, 143, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 164)  
}
```

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, 143, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 164) }
```

Border

The CSS property to change the border of an element to XYZ 57.7633, 43.5853, 40.4903 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, 143, 164) }
```


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

```
.border{ border-color:rgb(255, 143, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7633, 43.5853, 40.4903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 164) }
```

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

```
.background{ background-color: rgb(255,  
143, 164) }
```

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