

Converting Colors

XYZ(56.8814, 42.8833, 39.3186)

Have a look what the booklet for
XYZ(56.8814, 42.8833, 39.3186)
contains.

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Color

**XYZ(57.0676, 43.0255,
39.4794)**

Conversions

Conversions Part 1

Format	Color
Hex	FE8EA2
RGB	254, 142, 162
RGB Percent	100%, 56%, 64%
CMY	0.0039, 0.4431, 0.3647
CMYK	0.00, 0.44, 0.36, 0.00
HSL	349°, 98%, 78%
HSV	349°, 44%, 100%
XYZ	57.0676, 43.0255, 39.4794
YIQ	177.7680, 60.3320, 29.9640

Conversions

Conversions Part 2

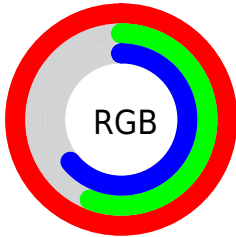
Format	Color
R_{YB}	254, 142, 162
Decimal	16682658
CIE _{Lab}	71.57, 44.35, 8.37
CIE _{LCh}	72, 45.130, 10.690
Yxy	43.0255, 0.4089, 0.3083
Android (android.graphics.Color)	4294872738 (0xFFFE8EA2)
YUV	177.7680, -7.7736, 66.8555
Hunter-Lab	65.5938, 40.5084, 10.2304

Details

The XYZ color **57.0676, 43.0255, 39.4794** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.4505, 82.5758, 90.5464**, and the grayscale version is **42.2130, 44.4113, 48.3640**.

A 20% lighter version of the original color is **73.7306, 66.2023, 74.5379**, and **28.6898, 19.7618, 17.3412** is the 20% darker color. If you saturate the color by 10%, you get **52.0064, 35.6292, 29.3883**, and if you desaturate by 10%, it is **63.2998, 52.2710, 51.4799**.

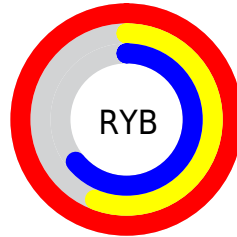
Distribution



Red (100%)

Green (56%)

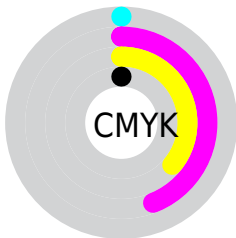
Blue (64%)



Red (100%)

Yellow (56%)

Blue (64%)

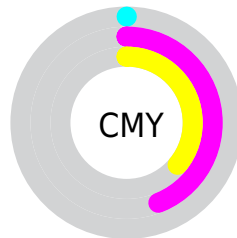


Cyan (0%)

Magenta (44%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0676, 43.0255, 39.4794 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 57.0676, 43.0255, 39.4794 by changing the saturation by 10% instead.


 57.0676, 43.0255,
39.4794


 57.0676, 43.0255,
39.4794


403.7127,
358.7166, 359.4110

 41.2999, 29.9051,
26.8222


 99.6946, 79.7493,
75.5985

 28.7422, 19.7666,
17.2085


 127.2846,
104.1216, 99.8975

 19.0292, 12.2255,
10.2197


159.5460,
133.0133, 128.9141

 11.7955, 6.8974,
5.4374

196.8443,
166.8087, 163.0669

 6.6758, 3.3980,
2.4429

239.5447,
205.8924, 202.7745

 3.3047, 1.3429,
0.8097

288.0127,

 1.3169, 0.1741,

250.6487, 248.4553

0.0000

342.6136,
301.4620, 300.5280

■ 0.1958, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0676, 43.0255,
39.4794

■ 57.0676, 43.0255,
39.4794

■ 52.0064, 35.6292,
29.3883

■ 63.2998, 52.2710,
51.4799

■ 48.0384, 29.9511,
21.1047

■ 70.7673, 63.4723,
65.4798

■ 45.0815, 25.8534,
14.5203

■ 79.5339, 76.7355,
81.5659

■ 43.0401, 23.1738,
9.5141

■ 89.6578, 92.1569,
99.8195

■ 41.7994, 21.7148,
5.9480

94.6830, 99.8108,
108.8828

■ 41.3533, 21.2629,
4.4423

Harmonies

Analogous

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



56.3579, 43.0255, 62.1571



57.0676, 43.0255, 39.4794



53.0552, 43.0255, 24.4502

Triad

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



57.0676, 43.0255, 39.4794



32.0575, 43.0255, 21.6685



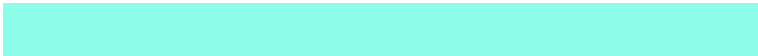
36.2332, 43.0255, 98.7270

Complementary

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



57.0676, 43.0255, 39.4794



61.4505, 82.5758, 90.5464

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.



30.7502, 43.0255, 79.9189



57.0676, 43.0255, 39.4794



28.5548, 43.0255, 34.2839

Square

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



57.0676, 43.0255, 39.4794



38.2336, 43.0255, 16.5055



28.1080, 43.0255, 55.0795



43.6760, 43.0255, 101.4378

Rectangle

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



57.0676, 43.0255, 39.4794



48.5035, 43.0255, 18.9349



28.1080, 43.0255, 55.0795



34.1260, 43.0255, 93.8543

Sweetspot

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



57.0688, 43.0277, 39.4802



81.2929, 79.0115, 84.1963



61.3207, 43.9064, 99.0086



16.9502, 16.2288, 17.2036



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.



57.0688, 43.0277, 39.4802



52.9708, 36.6698, 30.6628



61.5715, 54.6549, 32.8984



18.1417, 18.0400, 19.3636



21.8396, 11.2251, 2.5398



2.1608, 1.1067, 0.4280

Inverse Universe

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



57.0688, 43.0277, 39.4802



52.9708, 36.6698, 30.6628



54.2565, 63.3282, 103.1297



18.1417, 18.0400, 19.3636



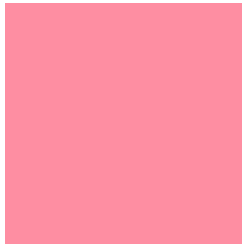
21.8396, 11.2251, 2.5398



2.1608, 1.1067, 0.4280

Previews

White Background



This preview shows how the XYZ color 57.0676, 43.0255, 39.4794 looks on a white background.

Color Contrast Check

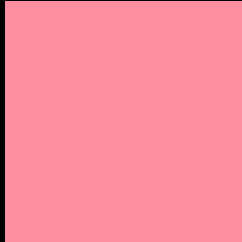
Large Text (above 18pt) WCAG AA × Fail

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 57.0676, 43.0255, 39.4794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

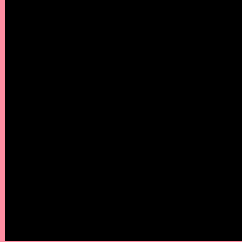
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0676, 43.0255, 39.4794

Background



This preview shows how black text looks on a background with the XYZ color 57.0676, 43.0255, 39.4794.



This preview shows how white text looks on a background with the XYZ color 57.0676, 43.0255,

39.4794.

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

57.0676, 43.0255, 39.4794

Protanopia

41.9283, 43.4202, 49.3511

Deuteranopia

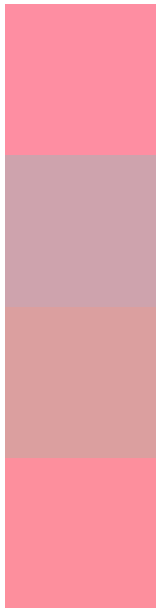
43.8270, 42.9524, 37.8790



Tritanopia

56.1632, 42.8607, 35.8847

Trichromacy



Original Color

57.0676, 43.0255, 39.4794

Protanomaly

46.0936, 42.3333, 45.2769

Deuteranomaly

47.8696, 42.3595, 38.4541

Tritanomaly

56.4163, 42.9619, 37.2173

Monochromacy



Original Color

57.0676, 43.0255, 39.4794

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

46.3551, 43.0106, 44.8884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0676, 43.0255, 39.4794 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, 142, 162)` looks like.

```
.text, #text, p{  
    color:rgb(254, 142, 162)  
}
```

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, 142, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 142, 162) }
```

Border

The CSS property to change the border of an element to XYZ 57.0676, 43.0255, 39.4794 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, 142, 162) }
```


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

```
.border{ border-color:rgb(254, 142, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 142, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 142, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 142, 162);  
box-shadow:4px 4px 4px 4px rgb(254, 142,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0676, 43.0255, 39.4794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 142, 162) }
```

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

```
.background{ background-color: rgb(254,  
142, 162) }
```

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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