

Converting Colors

XYZ(119.2196, 74.1208,
42.4833)

Have a look what the booklet for
XYZ(119.2196, 74.1208, 42.4833)
contains.

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Color

**XYZ(56.9393, 42.0813,
39.7718)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8AA3
RGB	255, 138, 163
RGB Percent	100%, 54%, 64%
CMY	0.0000, 0.4588, 0.3608
CMYK	0.00, 0.46, 0.36, 0.00
HSL	347°, 100%, 77%
HSV	347°, 46%, 100%
XYZ	56.9393, 42.0813, 39.7718
YIQ	175.8330, 61.7070, 32.5790

Conversions

Conversions Part 2

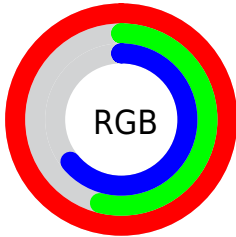
Format	Color
R _Y B	255, 138, 163
Decimal	16747171
CIE Lab	70.93, 46.81, 6.91
CIE LCh	71, 47.319, 8.394
Yxy	42.0813, 0.4102, 0.3032
Android (android.graphics.Color)	4294937251 (0xFFFF8AA3)
YUV	175.8330, -6.3267, 69.4295
Hunter-Lab	64.8701, 43.1545, 9.0584

Details

The XYZ color **56.9393, 42.0813, 39.7718** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.5262, 82.6374, 87.6281**, and the grayscale version is **41.1905, 43.3356, 47.1924**.

A 20% lighter version of the original color is **73.1867, 64.9055, 75.0003**, and **28.6234, 19.2468, 17.2453** is the 20% darker color. If you saturate the color by 10%, you get **52.0443, 34.9422, 29.9677**, and if you desaturate by 10%, it is **62.9802, 51.0560, 51.3642**.

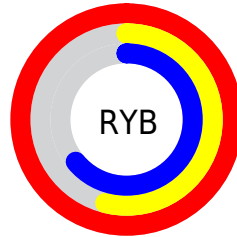
Distribution



Red (100%)

Green (54%)

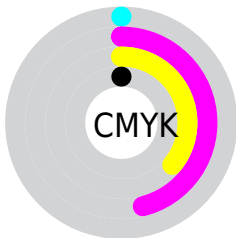
Blue (64%)



Red (100%)

Yellow (54%)

Blue (64%)

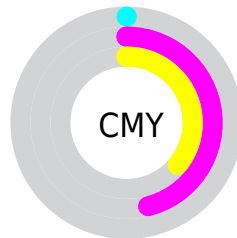


Cyan (0%)

Magenta (46%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9393, 42.0813, 39.7718 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 56.9393, 42.0813, 39.7718 by changing the saturation by 10% instead.


 56.9393, 42.0813,
39.7718


 56.9393, 42.0813,
39.7718

403.2397,
354.8198, 360.6843


 41.1965, 29.1650,
27.0482

 99.5085, 78.3227,
76.0492

 28.6610, 19.2056,
17.3767


 127.0655,
102.4165, 100.4401

 18.9675, 11.8190,
10.3386

 159.2914,
131.0049, 129.5571

 11.7507, 6.6205,
5.5155

196.5513,
164.4723, 163.8189

 6.6451, 3.2259,
2.4888

239.2108,
203.2031, 203.6440

 3.2855, 1.2508,
0.8342

287.6351,

 1.3065, 0.1026,

247.5817, 249.4509

0.0000

342.1896,
297.9925, 301.6581

■ 0.1881, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.9393, 42.0813,
39.7718

■ 56.9393, 42.0813,
39.7718

■ 52.0443, 34.9422,
29.9677

■ 62.9802, 51.0560,
51.3642

■ 48.2174, 29.5050,
21.8586

■ 70.2312, 61.9751,
64.8267

■ 45.3763, 25.6280,
15.3461

■ 78.7557, 74.9465,
80.2390

■ 43.4244, 23.1435,
10.3199

■ 88.6116, 90.0682,
97.6751

■ 42.2440, 21.8441, 95.0500, 100.0000,
6.6544 108.9000

■ 41.9171, 21.5308,
5.4956

Harmonies

Analogous

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



55.8049, 42.0813, 63.7300



56.9393, 42.0813, 39.7718



53.0882, 42.0813, 23.8057

Triad

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



56.9393, 42.0813, 39.7718



31.3046, 42.0813, 19.5277



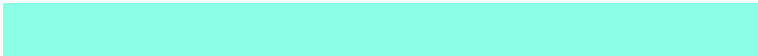
34.6725, 42.0813, 99.1720

Complementary

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



56.9393, 42.0813, 39.7718



60.5262, 82.6374, 87.6281

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.



29.2570, 42.0813, 78.4033



56.9393, 42.0813, 39.7718



27.4977, 42.0813, 31.6246

Square

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



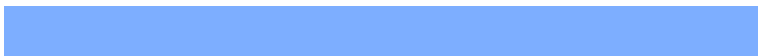
56.9393, 42.0813, 39.7718



37.8255, 42.0813, 14.8993



26.8007, 42.0813, 52.4509



42.2501, 42.0813, 103.5597

Rectangle

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



56.9393, 42.0813, 39.7718



48.4760, 42.0813, 17.9058



26.8007, 42.0813, 52.4509



32.5693, 42.0813, 93.6103

Sweetspot

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



56.9404, 42.0834, 39.7726



80.5049, 77.6217, 83.3595



59.6609, 42.1644, 99.6017



16.8024, 15.9583, 17.0769



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.



56.9404, 42.0834, 39.7726



52.4309, 35.5000, 30.7606



60.4202, 52.2797, 30.9540



18.1681, 18.0506, 19.5026



21.9465, 11.2679, 3.1030



2.1748, 1.1123, 0.5021

Inverse Universe

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



56.9404, 42.0834, 39.7726



52.4309, 35.5000, 30.7606



54.6144, 64.7879, 104.2345



18.1681, 18.0506, 19.5026



21.9465, 11.2679, 3.1030



2.1748, 1.1123, 0.5021

Previews

White Background



This preview shows how the XYZ color 56.9393, 42.0813, 39.7718 looks on a white background.

Color Contrast Check

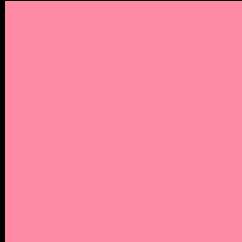
Large Text (above 18pt) WCAG AA × Fail

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 56.9393, 42.0813, 39.7718 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 56.9393, 42.0813, 39.7718

Background



This preview shows how black text looks on a background with the XYZ color 56.9393, 42.0813, 39.7718.



This preview shows how white text looks on a background with the XYZ color 56.9393, 42.0813,

39.7718.

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

56.9393, 42.0813, 39.7718

Protanopia

41.1700, 42.4200, 50.8177

Deuteranopia

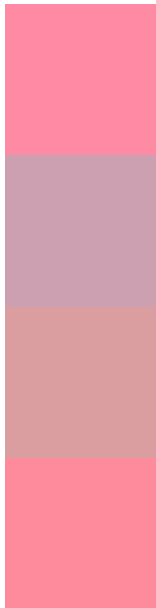
43.2001, 42.3442, 38.2441



Tritanopia

55.7562, 42.0290, 34.0279

Trichromacy



Original Color

56.9393, 42.0813, 39.7718

Protanomaly

45.3091, 41.1136, 46.6220

Deuteranomaly

47.3156, 41.5574, 38.7853

Tritanomaly

56.0221, 41.9026, 36.1457

Monochromacy



Original Color

56.9393, 42.0813, 39.7718

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

45.4479, 41.7601, 44.1932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9393, 42.0813, 39.7718 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, 138, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 163)  
}
```

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, 138, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 163) }
```

Border

The CSS property to change the border of an element to XYZ 56.9393, 42.0813, 39.7718 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, 138, 163) }
```


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

```
.border{ border-color:rgb(255, 138, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 138, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9393, 42.0813, 39.7718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 163) }
```

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

```
.background{ background-color: rgb(255,  
138, 163) }
```

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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