

Converting Colors

XYZ(56.1492, 42.9055, 38.2320)

Have a look what the booklet for
XYZ(56.1492, 42.9055, 38.2320)
contains.

XYZ(56.2254, 42.8436, 38.1071)	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(56.2254, 42.8436,
38.1071)**

Conversions

Conversions Part 1

Format	Color
Hex	FC8F9F
RGB	252, 143, 159
RGB Percent	99%, 56%, 62%
CMY	0.0118, 0.4392, 0.3765
CMYK	0.00, 0.43, 0.37, 0.01
HSL	351°, 95%, 77%
HSV	351°, 43%, 99%
XYZ	56.2254, 42.8436, 38.1071
YIQ	177.4150, 59.8280, 28.0840

Conversions

Conversions Part 2

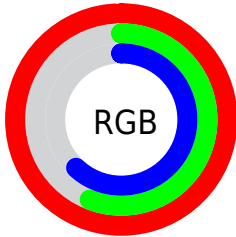
Format	Color
R _Y B	252, 143, 159
Decimal	16551839
CIE _{Lab}	71.45, 42.79, 9.83
CIE _{LCh}	71, 43.909, 12.937
Yxy	42.8436, 0.4099, 0.3123
Android (android.graphics.Color)	4294741919 (0xFFFC8F9F)
YUV	177.4150, -9.0786, 65.4110
Hunter-Lab	65.4550, 38.7839, 11.3006

Details

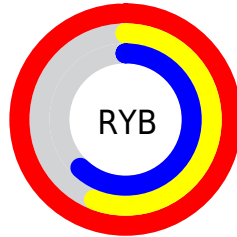
The XYZ color **56.2254, 42.8436, 38.1071** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.2806, 81.5176, 91.8663**, and the grayscale version is **42.0336, 44.2226, 48.1584**.

A 20% lighter version of the original color is **73.5717, 66.5032, 72.5771**, and **28.1012, 19.6015, 16.4897** is the 20% darker color. If you saturate the color by 10%, you get **51.1519, 35.4274, 27.9971**, and if you desaturate by 10%, it is **62.4754, 52.0931, 50.2114**.

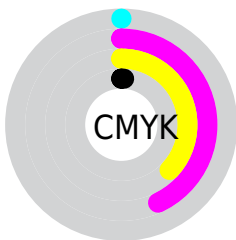
Distribution



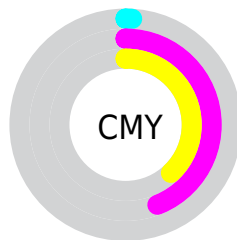
- Red (99%)
- Green (56%)
- Blue (62%)



- Red (99%)
- Yellow (56%)
- Blue (62%)



- Cyan (0%)
- Magenta (43%)
- Yellow (37%)
- Black (1%)





- Cyan (1%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2254, 42.8436, 38.1071 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 56.2254, 42.8436, 38.1071 by changing the saturation by 10% instead.

 56.2254, 42.8436,
38.1071

 56.2254, 42.8436,
38.1071


400.6017,
357.9682, 353.3911

 40.6214, 29.7624,
25.7633


 98.4720, 79.4748,
73.4775

 28.2097, 19.6583,
16.4225


 125.8452,
103.7936, 97.3412

 18.6251, 12.1469,
9.6660


157.8722,
132.6271, 125.8821

 11.5021, 6.8438,
5.0754

194.9184,
166.3596, 159.5185

 6.4754, 3.3646,
2.2321

237.3491,
205.3756, 198.6691

 3.1796, 1.3249,
0.6928

285.5296,

 1.2494, 0.1604,

250.0594, 243.7523

0.0000

339.8254,
300.7955, 295.1868

■ 0.1449, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2254, 42.8436,
38.1071

■ 56.2254, 42.8436,
38.1071

■ 51.1519, 35.4274,
27.9971

■ 62.4754, 52.0931,
50.2114

■ 47.1771, 29.7162,
19.7713

■ 69.9663, 63.2801,
64.4070

■ 44.2190, 25.5754,
13.3124

■ 78.7619, 76.5088,
80.7876

■ 42.1826, 22.8471,
8.4887

■ 88.9205, 91.8739,
99.4405

■ 40.9539, 21.3400,
5.1495

93.9549, 99.4355,
108.8488

■ 40.4785, 20.8289,
3.6355

Harmonies

Analogous

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



55.8972, 42.8436, 59.6594



56.2254, 42.8436, 38.1071



52.0538, 42.8436, 24.0301

Triad

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



56.2254, 42.8436, 38.1071



31.7765, 42.8436, 22.7211



36.6869, 42.8436, 97.4651

Complementary

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



56.2254, 42.8436, 38.1071



61.2806, 81.5176, 91.8663

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.



31.1663, 42.8436, 80.2836



56.2254, 42.8436, 38.1071



28.5759, 42.8436, 35.6833

Square

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



56.2254, 42.8436, 38.1071



37.6180, 42.8436, 17.1354



28.3670, 42.8436, 56.3814



43.9913, 42.8436, 98.7117

Rectangle

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



56.2254, 42.8436, 38.1071



47.5454, 42.8436, 18.9545



28.3670, 42.8436, 56.3814



34.5840, 42.8436, 93.1686

Sweetspot

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



56.2265, 42.8457, 38.1079



81.1472, 78.9532, 83.4292



61.8706, 44.4485, 97.4141



16.9148, 16.2146, 17.0168



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.



56.2265, 42.8457, 38.1079



53.1206, 37.2262, 29.9210



61.6587, 55.7895, 33.5081



17.3484, 17.2667, 18.4243



21.1178, 10.8629, 2.0630



1.9860, 1.0181, 0.3497

Inverse Universe

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



56.2265, 42.8457, 38.1079



53.1206, 37.2262, 29.9210



52.9089, 60.8871, 101.0594



17.3484, 17.2667, 18.4243



21.1178, 10.8629, 2.0630



1.9860, 1.0181, 0.3497

Previews

White Background



This preview shows how the XYZ color 56.2254, 42.8436, 38.1071 looks on a white background.

Color Contrast Check

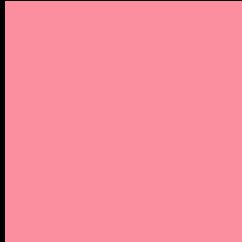
Large Text (above 18pt) WCAG AA × Fail

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 56.2254, 42.8436, 38.1071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

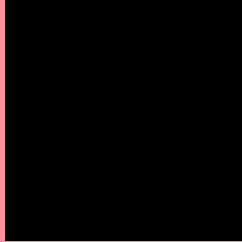
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2254, 42.8436, 38.1071

Background



This preview shows how black text looks on a background with the XYZ color 56.2254, 42.8436, 38.1071.



This preview shows how white text looks on a background with the XYZ color 56.2254, 42.8436,

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

56.2254, 42.8436, 38.1071

Protanopia

41.5265, 43.2595, 47.2355

Deuteranopia

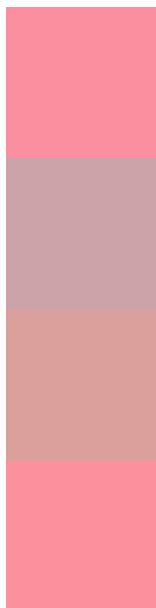
43.9238, 43.0219, 36.9994



Tritanopia

55.9509, 42.9751, 35.9179

Trichromacy



Original Color

56.2254, 42.8436, 38.1071

Protanomaly

45.5297, 42.0758, 43.7520

Deuteranomaly

47.7850, 42.6020, 37.1570

Tritanomaly

56.1189, 43.0423, 36.8027

Monochromacy



Original Color

56.2254, 42.8436, 38.1071

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

45.6127, 42.6499, 43.8584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2254, 42.8436, 38.1071 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(252, 143, 159)` looks like.

```
.text, #text, p{  
    color:rgb(252, 143, 159)  
}
```

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(252, 143, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 143, 159) }
```

Border

The CSS property to change the border of an element to XYZ 56.2254, 42.8436, 38.1071 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(252, 143, 159) }
```


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

```
.border{ border-color:rgb(252, 143, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 143, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 143, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 143, 159);  
box-shadow:4px 4px 4px 4px rgb(252, 143,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2254, 42.8436, 38.1071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 143, 159) }
```

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

```
.background{ background-color: rgb(252,  
143, 159) }
```

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