

Converting Colors

XYZ(76.6903, 53.5440, 36.9282)

Have a look what the booklet for
XYZ(76.6903, 53.5440, 36.9282)
contains.

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Color

**XYZ(56.8952, 43.2380,
35.9189)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8F9A
RGB	255, 143, 154
RGB Percent	100%, 56%, 60%
CMY	0.0000, 0.4392, 0.3961
CMYK	0.00, 0.44, 0.40, 0.00
HSL	354°, 100%, 78%
HSV	354°, 44%, 100%
XYZ	56.8952, 43.2380, 35.9189
YIQ	177.7420, 63.2210, 27.1650

Conversions

Conversions Part 2

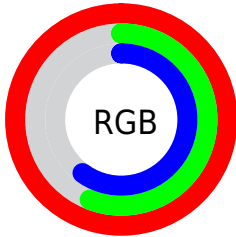
Format	Color
R_{YB}	255, 143, 154
Decimal	16748442
CIE _{Lab}	71.72, 43.30, 13.04
CIE _{LCh}	72, 45.223, 16.762
Yxy	43.2380, 0.4182, 0.3178
Android (android.graphics.Color)	4294938522 (0xFFFF8F9A)
YUV	177.7420, -11.7048, 67.7553
Hunter-Lab	65.7556, 39.3752, 13.6419

Details

The XYZ color **56.8952, 43.2380, 35.9189** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.4190, 83.8923, 98.4431**, and the grayscale version is **42.2182, 44.4169, 48.3700**.

A 20% lighter version of the original color is **72.8192, 66.2022, 68.6148**, and **28.6100, 19.8937, 15.1639** is the 20% darker color. If you saturate the color by 10%, you get **51.7575, 35.7399, 25.6448**, and if you desaturate by 10%, it is **63.2720, 52.6271, 48.4171**.

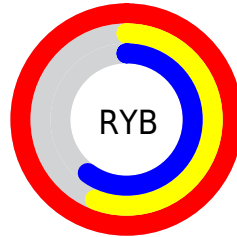
Distribution



Red (100%)

Green (56%)

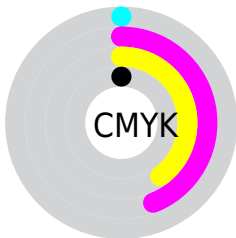
Blue (60%)



Red (100%)

Yellow (56%)

Blue (60%)

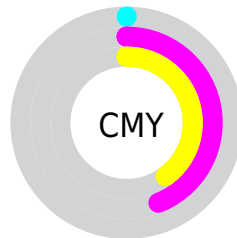


Cyan (0%)

Magenta (44%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.8952, 43.2380, 35.9189 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 56.8952, 43.2380, 35.9189 by changing the saturation by 10% instead.


 56.8952, 43.2380,
35.9189


 56.8952, 43.2380,
35.9189


403.0770,
359.5896, 343.6326

 41.1609, 30.0719,
24.0824

 99.4445, 80.0699,
70.0745

 28.6331, 19.8932,
15.1820


 126.9902,
104.5045, 93.2307

 18.9463, 12.3174,
8.7992


159.2038,
133.4640, 120.9971

 11.7353, 6.9602,
4.5154

196.4506,
167.3329, 153.7924

 6.6346, 3.4372,
1.9121

239.0960,
206.4955, 192.0350

 3.2789, 1.3640,
0.5004

287.5053,

 1.3029, 0.1900,

251.3362, 236.1436

0.0000

342.0438,
302.2394, 286.5366

■ 0.1854, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8952, 43.2380,
35.9189

■ 56.8952, 43.2380,
35.9189

■ 51.7575, 35.7399,
25.6448

■ 63.2720, 52.6271,
48.4171

■ 47.7749, 29.9984,
17.4617

■ 70.9580, 64.0166,
63.2568

■ 44.8581, 25.8720,
11.2261

■ 80.0221, 77.5153,
80.5502

■ 42.9031, 23.1943,
6.7751

■ 90.5273, 93.2222,
100.4015

■ 41.7846, 21.7627, 95.0500, 100.0000,
3.9193 108.9000

■ 41.4158, 21.3303,
2.8558

Harmonies

Analogous

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



57.1873, 43.2380, 57.4270



56.8952, 43.2380, 35.9189



52.0485, 43.2380, 22.5271

Triad

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



56.8952, 43.2380, 35.9189



31.2622, 43.2380, 23.6697



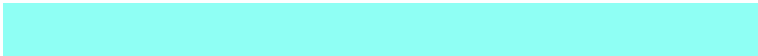
37.8113, 43.2380, 101.3171

Complementary

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



56.8952, 43.2380, 35.9189



63.4190, 83.8923, 98.4431

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.



31.7998, 43.2380, 85.0356



56.8952, 43.2380, 35.9189



28.3482, 43.2380, 38.0550

Square

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



56.8952, 43.2380, 35.9189



36.9885, 43.2380, 17.1136



28.5319, 43.2380, 60.3396



45.4978, 43.2380, 100.2005

Rectangle

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



56.8952, 43.2380, 35.9189



47.1935, 43.2380, 17.9581



28.5319, 43.2380, 60.3396



35.5485, 43.2380, 97.5251

Sweetspot

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



56.8963, 43.2402, 35.9197



80.9263, 78.8648, 82.2659



65.1126, 46.0645, 100.0672



16.8610, 16.1931, 16.7339



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.



56.8963, 43.2402, 35.9197



52.1802, 36.3536, 26.4995



64.1399, 59.1262, 34.0214



18.0818, 18.0160, 19.0479



21.6644, 11.1551, 1.6173



2.1324, 1.0953, 0.2787

Inverse Universe

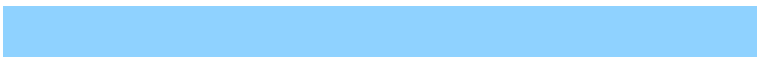
The Inverse Universe completely reimagines the original color for something new.



56.8963, 43.2402, 35.9197



52.1802, 36.3536, 26.4995



52.4756, 59.2537, 103.2791



18.0818, 18.0160, 19.0479



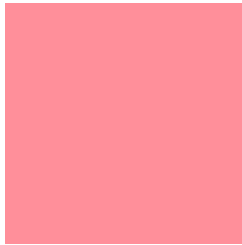
21.6644, 11.1551, 1.6173



2.1324, 1.0953, 0.2787

Previews

White Background



This preview shows how the XYZ color 56.8952, 43.2380, 35.9189 looks on a white background.

Color Contrast Check

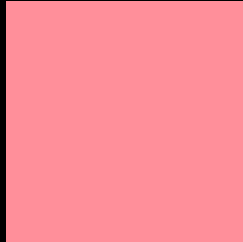
Large Text (above 18pt) WCAG AA × Fail

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 56.8952, 43.2380, 35.9189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

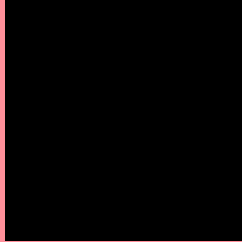
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8952, 43.2380, 35.9189

Background



This preview shows how black text looks on a background with the XYZ color 56.8952, 43.2380, 35.9189.



This preview shows how white text looks on a background with the XYZ color 56.8952, 43.2380,

35.9189.

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

56.8952, 43.2380, 35.9189

Protanopia

41.5030, 43.3035, 44.6990

Deuteranopia

44.2414, 43.2424, 34.4486



Tritanopia

56.8952, 43.2380, 35.9189

Trichromacy



Original Color

56.8952, 43.2380, 35.9189



Protanomaly

45.6209, 42.1764, 41.3337



Deuteranomaly

48.2809, 42.9056, 35.0151



Tritanomaly

56.8952, 43.2380, 35.9189

Monochromacy



Original Color

56.8952, 43.2380, 35.9189



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

46.0702, 42.8967, 43.3878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8952, 43.2380, 35.9189 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 154) }
```

Border

The CSS property to change the border of an element to XYZ 56.8952, 43.2380, 35.9189 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, 154) }
```


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

```
.border{ border-color:rgb(255, 143, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8952, 43.2380, 35.9189 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, 154) }
```

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

```
.background{ background-color: rgb(255,  
143, 154) }
```

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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