

Converting Colors

XYZ(56.7982, 42.0263, 39.0241)

Have a look what the booklet for
XYZ(56.7982, 42.0263, 39.0241)
contains.

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Color

**XYZ(56.7615, 42.0102,
38.8353)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8AA1
RGB	255, 138, 161
RGB Percent	100%, 54%, 63%
CMY	0.0000, 0.4588, 0.3686
CMYK	0.00, 0.46, 0.37, 0.00
HSL	348°, 100%, 77%
HSV	348°, 46%, 100%
XYZ	56.7615, 42.0102, 38.8353
YIQ	175.6050, 62.3490, 31.9570

Conversions

Conversions Part 2

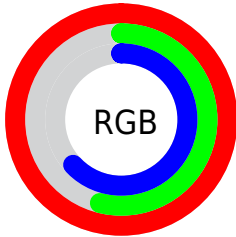
Format	Color
R _Y B	255, 138, 161
Decimal	16747169
CIE Lab	70.88, 46.58, 7.95
CIE LCh	71, 47.258, 9.689
Yxy	42.0102, 0.4125, 0.3053
Android (android.graphics.Color)	4294937249 (0xFFFF8AA1)
YUV	175.6050, -7.2003, 69.6294
Hunter-Lab	64.8153, 42.8933, 9.8460

Details

The XYZ color **56.7615, 42.0102, 38.8353** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.8089, 82.7504, 89.1162**, and the grayscale version is **41.0760, 43.2152, 47.0613**.

A 20% lighter version of the original color is **72.9265, 64.8014, 73.6300**, and **28.5686, 19.2249, 16.9569** is the 20% darker color. If you saturate the color by 10%, you get **51.8618, 34.8692, 29.0066**, and if you desaturate by 10%, it is **62.8182, 50.9912, 50.5111**.

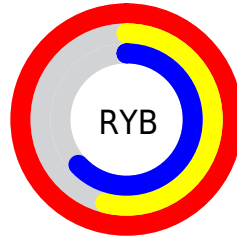
Distribution



Red (100%)

Green (54%)

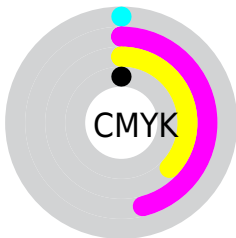
Blue (63%)



Red (100%)

Yellow (54%)

Blue (63%)

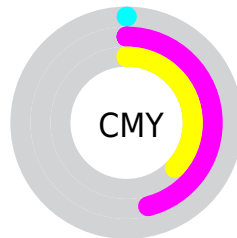


Cyan (0%)

Magenta (46%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7615, 42.0102, 38.8353 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 56.7615, 42.0102, 38.8353 by changing the saturation by 10% instead.

 56.7615, 42.0102,
38.8353


 56.7615, 42.0102,
38.8353


402.5837,
354.5252, 356.5948


 41.0532, 29.1093,
26.3248


 99.2505, 78.2151,
74.6042

 28.5485, 19.1635,
16.8388


 126.7618,
102.2878, 98.6997

 18.8821, 11.7885,
9.9589


 158.9383,
130.8532, 127.4939

 11.6886, 6.5998,
5.2665

196.1451,
164.2958, 161.4054

 6.6027, 3.2131,
2.3430

238.7477,
202.9999, 200.8527

 3.2590, 1.2440,
0.7551

287.1114,

 1.2922, 0.0972,

247.3499, 246.2543

0.0000

341.6016,
297.7302, 298.0288

■ 0.1773, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7615, 42.0102,
38.8353

■ 56.7615, 42.0102,
38.8353

■ 51.8618, 34.8692,
29.0066

■ 62.8182, 50.9912,
50.5111

■ 48.0404, 29.4342,
20.9264

■ 70.0972, 61.9216,
64.1206

■ 45.2138, 25.5630,
14.4903

■ 78.6625, 74.9093,
79.7479

■ 43.2841, 23.0874,
9.5812

■ 88.5730, 90.0528,
97.4712

■ 42.1321, 21.7994, 95.0500, 100.0000,
6.0651 108.9000

■ 41.8182, 21.4913,
4.9751

Harmonies

Analogous

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



55.8508, 42.0102, 62.4756



56.7615, 42.0102, 38.8353



52.7286, 42.0102, 23.2898

Triad

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



56.7615, 42.0102, 38.8353



31.0324, 42.0102, 19.8601



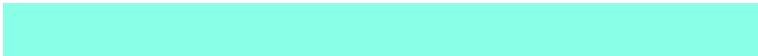
34.9086, 42.0102, 99.5428

Complementary

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



56.7615, 42.0102, 38.8353



60.8089, 82.7504, 89.1162

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.



29.3897, 42.0102, 79.3358



56.7615, 42.0102, 38.8353



27.3639, 42.0102, 32.2998

Square

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



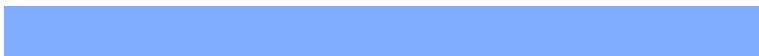
56.7615, 42.0102, 38.8353



37.4388, 42.0102, 14.9617



26.8048, 42.0102, 53.4225



42.5282, 42.0102, 103.0669

Rectangle

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



56.7615, 42.0102, 38.8353



48.0551, 42.0102, 17.6217



26.8048, 42.0102, 53.4225



32.7756, 42.0102, 94.2224

Sweetspot

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



56.7626, 42.0123, 38.8361



80.4208, 77.5881, 82.9167



60.2890, 42.4883, 99.6312



16.7822, 15.9502, 16.9703



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.



56.7626, 42.0123, 38.8361



52.2484, 35.4270, 29.7994



60.7917, 53.0227, 31.0779



18.1553, 18.0454, 19.4348



21.8920, 11.2461, 2.8159



2.1678, 1.1095, 0.4649

Inverse Universe

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



56.7626, 42.0123, 38.8361



52.2484, 35.4270, 29.7994



54.1000, 63.7590, 104.0630



18.1553, 18.0454, 19.4348



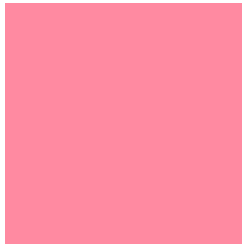
21.8920, 11.2461, 2.8159



2.1678, 1.1095, 0.4649

Previews

White Background



This preview shows how the XYZ color 56.7615, 42.0102, 38.8353 looks on a white background.

Color Contrast Check

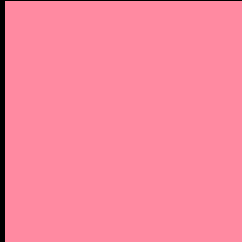
Large Text (above 18pt) WCAG AA × Fail

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 56.7615, 42.0102, 38.8353 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 56.7615, 42.0102, 38.8353

Background



This preview shows how black text looks on a background with the XYZ color 56.7615, 42.0102, 38.8353.



This preview shows how white text looks on a background with the XYZ color 56.7615, 42.0102,

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

56.7615, 42.0102, 38.8353

Protanopia

40.9633, 42.3373, 49.7290

Deuteranopia

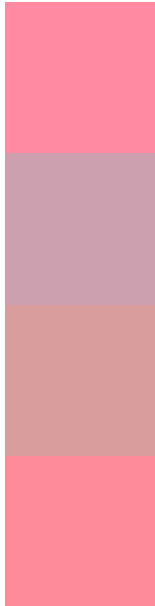
43.0293, 42.2759, 37.3447



Tritanopia

55.7562, 42.0290, 34.0279

Trichromacy



Original Color

56.7615, 42.0102, 38.8353

Protanomaly

45.1126, 41.0350, 45.5872

Deuteranomaly

47.1420, 41.4880, 37.8711

Tritanomaly

55.9384, 41.8692, 35.7051

Monochromacy



Original Color

56.7615, 42.0102, 38.8353

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 56.7615, 42.0102, 38.8353 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 161) }
```

Border

The CSS property to change the border of an element to XYZ 56.7615, 42.0102, 38.8353 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, 161) }
```


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

```
.border{ border-color:rgb(255, 138, 161) }
```

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, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7615, 42.0102, 38.8353 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, 161) }
```

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

```
.background{ background-color: rgb(255,  
138, 161) }
```

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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