

Converting Colors

XYZ(38.4697, 41.6582, 43.0596)

Have a look what the booklet for
XYZ(38.4697, 41.6582, 43.0596)
contains.

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Color

**XYZ(38.5463, 41.8119,
43.0847)**

Conversions

Conversions Part 1

Format	Color
Hex	A8AFA8
RGB	168, 175, 168
RGB Percent	66%, 69%, 66%
CMY	0.3412, 0.3137, 0.3412
CMYK	0.04, 0.00, 0.04, 0.31
HSL	120°, 4%, 67%
HSV	120°, 4%, 69%
XYZ	38.5463, 41.8119, 43.0847
YIQ	172.1090, -1.9250, -3.6610

Conversions

Conversions Part 2

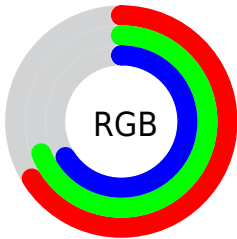
Format	Color
RYB	168, 175, 175
Decimal	11055016
CIELab	70.74, -3.78, 2.72
CIELCh	71, 4.662, 144.270
Yxy	41.8119, 0.3123, 0.3387
Android (android.graphics.Color)	4289245096 (0xFFA8AFA8)
YUV	172.1090, -2.0257, -3.6036
Hunter-Lab	64.6621, -6.7515, 5.7583

Details

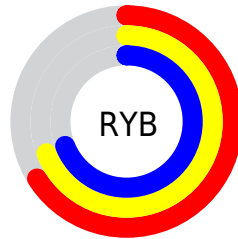
The XYZ color **38.5463, 41.8119, 43.0847** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.4212, 40.2154, 46.2441**, and the grayscale version is **39.2794, 41.3250, 45.0030**.

A 20% lighter version of the original color is **72.3266, 78.1675, 81.0879**, and **17.4378, 19.1399, 19.2983** is the 20% darker color. If you saturate the color by 10%, you get **33.5463, 39.4114, 34.9053**, and if you desaturate by 10%, it is **44.2696, 44.5623, 52.4451**.

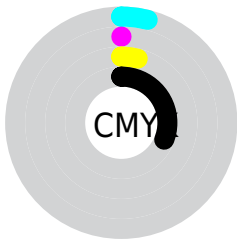
Distribution



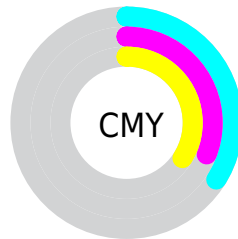
- Red (66%)
- Green (69%)
- Blue (66%)



- Red (66%)
- Yellow (69%)
- Blue (69%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (31%)



- Cyan (34%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5463, 41.8119, 43.0847 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 38.5463, 41.8119, 43.0847 by changing the saturation by 10% instead.

■ 38.5463, 41.8119,
43.0847

■ 38.5463, 41.8119,
43.0847

331.1982,
353.7026, 374.8914

■ 26.5861, 28.9540,
29.6197

■ 72.2432, 77.9149,
81.1264

■ 17.3976, 19.0461,
19.3005

■ 94.7106, 101.9288,
106.5401

■ 10.6154, 11.7036,
11.7086

121.4112,
130.4301, 136.7739

■ 5.8742, 6.5422,
6.4255

152.7102,
163.8033, 172.2462

■ 2.8087, 3.1775,
3.0325

188.9731,
202.4328, 213.3755

■ 1.0534, 1.2251,
1.1113

230.5651,

■ 0.0000, 0.0820,

246.7029, 260.5805

0.0000

277.8517,
296.9980, 314.2796

■ 0.0000, 0.0000,
0.0000

■ 38.5463, 41.8119,
43.0847

■ 38.5463, 41.8119,
43.0847

■ 33.5463, 39.4114,
34.9053

■ 44.2696, 44.5623,
52.4451

■ 29.2374, 37.3416,
27.8574

■ 50.7396, 47.6702,
63.0278

■ 25.5904, 35.5897,
21.8920

■ 57.9831, 51.1496,
74.8757

■ 22.5724, 34.1400,
16.9555

■ 66.0244, 55.0123,
88.0287

■ 20.1479, 32.9754,
12.9898

■ 74.6208, 59.1415,
102.0903

■ 18.2778, 32.0771,
9.9309

■ 16.9184, 31.4241,
7.7073

■ 16.0192, 30.9922,
6.2365

■ 15.5198, 30.7523,
5.4195

Harmonies

Analogous

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



39.1330, 41.8119, 41.7539



38.5463, 41.8119, 43.0847



38.2800, 41.8119, 45.1023

Triad

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



38.5463, 41.8119, 43.0847



39.5927, 41.8119, 49.8952



41.1117, 41.8119, 43.7983

Complementary

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



38.5463, 41.8119, 43.0847



39.4212, 40.2154, 46.2441

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.



41.2386, 41.8119, 45.9525



38.5463, 41.8119, 43.0847



40.3552, 41.8119, 49.5188

Square

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



38.5463, 41.8119, 43.0847



38.8791, 41.8119, 49.0705



40.9600, 41.8119, 48.0579



40.6155, 41.8119, 42.1565

Rectangle

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



38.5463, 41.8119, 43.0847



38.3175, 41.8119, 46.5836



40.9600, 41.8119, 48.0579



41.1992, 41.8119, 44.4846

Sweetspot

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



38.5475, 41.8137, 43.0856



71.9543, 76.2859, 81.9381



40.0789, 42.6032, 43.1572



16.0048, 16.9612, 18.2315



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.5475, 41.8137, 43.0856



68.0004, 74.3866, 75.4708



38.8782, 41.9460, 44.8270



8.3241, 9.1409, 9.2085



10.9783, 21.9566, 3.6595



0.3054, 0.6108, 0.1018

Inverse Universe

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



39.4212, 40.2154, 46.2441



69.9751, 70.7743, 82.6094



39.0817, 40.0796, 44.4561



8.5902, 8.6542, 10.1704



18.2017, 8.7432, 29.7715



0.5064, 0.2432, 0.8282

Previews

White Background



This preview shows how the XYZ color 38.5463, 41.8119, 43.0847 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 38.5463, 41.8119, 43.0847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

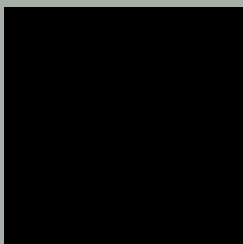
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

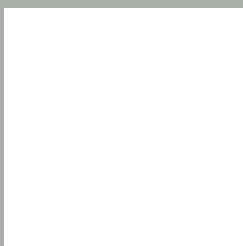
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5463, 41.8119, 43.0847

Background



This preview shows how black text looks on a background with the XYZ color 38.5463, 41.8119, 43.0847.



This preview shows how white text looks on a background with the XYZ color 38.5463, 41.8119,

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

38.5463, 41.8119, 43.0847

Protanopia

39.9956, 41.7232, 42.0218

Deuteranopia

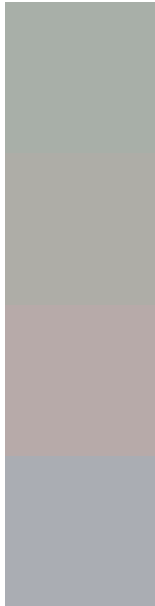
42.5603, 41.6161, 43.8197



Tritanopia

40.4100, 41.7081, 52.3750

Trichromacy



Original Color

38.5463, 41.8119, 43.0847

Protanomaly

39.3742, 41.6758, 42.5282

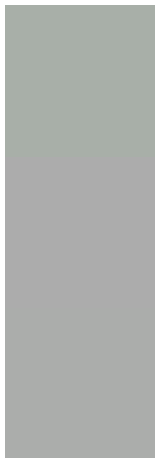
Deuteranomaly

41.0646, 41.6813, 43.4171

Tritanomaly

39.6578, 41.6879, 48.6042

Monochromacy



Original Color

38.5463, 41.8119, 43.0847

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.0888, 41.4853, 44.4753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5463, 41.8119, 43.0847 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(168, 175, 168)` looks like.

```
.text, #text, p{  
    color:rgb(168, 175, 168)  
}
```

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(168, 175, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 175, 168) }
```

Border

The CSS property to change the border of an element to XYZ 38.5463, 41.8119, 43.0847 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(168, 175, 168) }
```


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

```
.border{ border-color:rgb(168, 175, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 175, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 175, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 175, 168);  
box-shadow:4px 4px 4px 4px rgb(168, 175,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5463, 41.8119, 43.0847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 175, 168) }
```

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

```
.background{ background-color: rgb(168,  
175, 168) }
```

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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