

Converting Colors

XYZ(38.3597, 47.9061, 43.4366)

Have a look what the booklet for
XYZ(38.3597, 47.9061, 43.4366)
contains.

XYZ(38.4307, 47.9864, 43.3132)	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(38.4307, 47.9864,
43.3132)**

Conversions

Conversions Part 1

Format	Color
Hex	93C3A6
RGB	147, 195, 166
RGB Percent	58%, 76%, 65%
CMY	0.4235, 0.2353, 0.3490
CMYK	0.25, 0.00, 0.15, 0.24
HSL	144°, 29%, 67%
HSV	144°, 25%, 76%
XYZ	38.4307, 47.9864, 43.3132
YIQ	177.3420, -19.2990, -19.1950

Conversions

Conversions Part 2

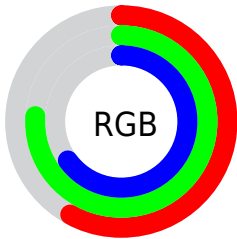
Format	Color
RYB	147, 181, 195
Decimal	9683878
CIELab	74.82, -21.72, 9.49
CIELCh	75, 23.704, 156.400
Yxy	47.9864, 0.2962, 0.3699
Android (android.graphics.Color)	4287873958 (0xFF93C3A6)
YUV	177.3420, -5.5916, -26.6099
Hunter-Lab	69.2722, -22.1985, 11.4188

Details

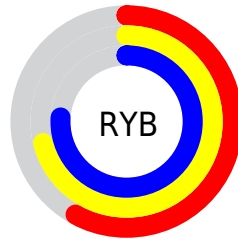
The XYZ color **38.4307, 47.9864, 43.3132** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.7776, 35.6054, 45.7998**, and the grayscale version is **42.0066, 44.1942, 48.1275**.

A 20% lighter version of the original color is **72.2187, 87.3978, 81.4698**, and **17.2815, 22.6976, 19.3898** is the 20% darker color. If you saturate the color by 10%, you get **34.1943, 45.9230, 37.7297**, and if you desaturate by 10%, it is **43.3615, 50.3990, 49.4482**.

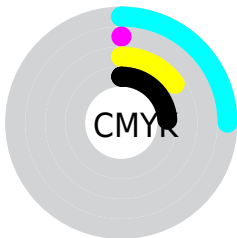
Distribution



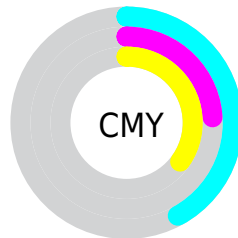
- Red (58%)
- Green (76%)
- Blue (65%)



- Red (58%)
- Yellow (71%)
- Blue (76%)



- Cyan (25%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)





- Cyan (42%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4307, 47.9864, 43.3132 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 38.4307, 47.9864, 43.3132 by changing the saturation by 10% instead.


 38.4307, 47.9864,
43.3132


 38.4307, 47.9864,
43.3132


330.7130,
378.7382, 375.8572

 26.4959, 33.8161,
29.7977

 72.0675, 87.1842,
81.4747

 17.3296, 22.7524,
19.4343


 94.5001, 112.9804,
106.9578

 10.5665, 14.4108,
11.8046


121.1627,
143.4208, 137.2672

 5.8413, 8.4069,
6.4898

152.4207,
178.8897, 172.8214

 2.7886, 4.3564,
3.0716

188.6393,
219.7715, 214.0389

 1.0430, 1.8749,
1.1313

230.1840,

 0.0000, 0.5332,

266.4506, 261.3384

0.0000

277.4201,
319.3113, 315.1383

■ 0.0000, 0.0000,
0.0000

■ 38.4307, 47.9864,
43.3132

■ 38.4307, 47.9864,
43.3132

■ 34.1943, 45.9230,
37.7297

■ 43.3615, 50.3990,
49.4482

■ 30.6159, 44.1863,
32.6790

■ 49.0131, 53.1701,
56.1461

■ 27.6615, 42.7606,
28.1463

■ 55.4153, 56.3162,
63.4222

■ 25.2924, 41.6261,
24.1147

■ 62.5950, 59.8507,
71.2901

■ 23.4655, 40.7609,
20.5662

■ 70.5778, 63.7867,
79.7629

■ 22.1311, 40.1398,
17.4819

■ 75.9972, 66.3885,
88.6946

■ 21.2293, 39.7325,
14.8412

■ 77.7731, 67.0988,
98.0461

■ 20.8621, 39.5704,
13.5937

■ 78.8060, 67.5120,
103.4853

Harmonies

Analogous

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



40.8675, 47.9864, 35.3824



38.4307, 47.9864, 43.3132



37.8614, 47.9864, 54.9388

Triad

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



38.4307, 47.9864, 43.3132



46.5394, 47.9864, 79.5554



52.6089, 47.9864, 39.3951

Complementary

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



38.4307, 47.9864, 43.3132



40.7776, 35.6054, 45.7998

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.



54.3488, 47.9864, 49.6485



38.4307, 47.9864, 43.3132



50.7051, 47.9864, 73.7701

Square

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



38.4307, 47.9864, 43.3132



42.3723, 47.9864, 77.1491



53.6312, 47.9864, 62.3364



49.0078, 47.9864, 33.3818

Rectangle

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



38.4307, 47.9864, 43.3132



38.5835, 47.9864, 63.5257



53.6312, 47.9864, 62.3364



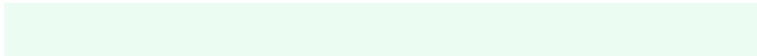
53.4408, 47.9864, 42.3927

Sweetspot

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



38.4320, 47.9884, 43.3143



85.1327, 93.9255, 97.4683



42.8238, 50.4392, 35.0832



18.5025, 20.4997, 21.1794



0.0000, 0.0000, 0.0000



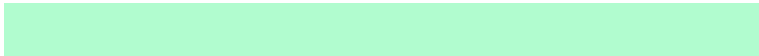
20.3446, 21.4041, 23.3091

Same Dimension

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



38.4320, 47.9884, 43.3143



64.2433, 83.7074, 71.6053



40.7781, 48.9268, 55.6687



10.1059, 11.3234, 11.5608



13.5975, 25.7331, 9.0394



0.6215, 1.1254, 0.5694

Inverse Universe

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



40.7776, 35.6054, 45.7998



69.2223, 57.4107, 76.8732



38.6576, 34.7574, 34.6363



10.3230, 10.1778, 11.7914



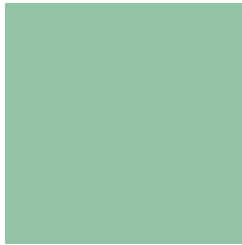
16.7881, 8.4050, 12.0621



0.7585, 0.3764, 0.6958

Previews

White Background



This preview shows how the XYZ color 38.4307, 47.9864, 43.3132 looks on a white background.

Color Contrast Check

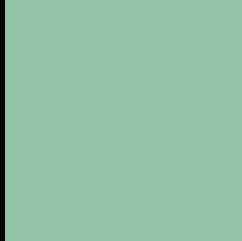
Large Text (above 18pt) WCAG AA × Fail

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 38.4307, 47.9864, 43.3132 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 38.4307, 47.9864, 43.3132

Background



This preview shows how black text looks on a background with the XYZ color 38.4307, 47.9864, 43.3132.



This preview shows how white text looks on a background with the XYZ color 38.4307, 47.9864,

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

38.4307, 47.9864, 43.3132

Protanopia

45.0169, 47.6115, 40.0750

Deuteranopia

48.4314, 47.4684, 44.6399



Tritanopia

42.7593, 48.1047, 64.7891

Trichromacy



Original Color

38.4307, 47.9864, 43.3132

Protanomaly

42.1964, 47.3794, 41.1036

Deuteranomaly

44.3095, 47.4598, 44.3614

Tritanomaly

41.0161, 48.0402, 56.4011

Monochromacy



Original Color

38.4307, 47.9864, 43.3132

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

40.4092, 45.4051, 46.1694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4307, 47.9864, 43.3132 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(147, 195, 166)` looks like.

```
.text, #text, p{  
    color:rgb(147, 195, 166)  
}
```

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(147, 195, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 195, 166) }
```

Border

The CSS property to change the border of an element to XYZ 38.4307, 47.9864, 43.3132 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(147, 195, 166) }
```


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

```
.border{ border-color:rgb(147, 195, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 195, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 195, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 195, 166);  
box-shadow:4px 4px 4px 4px rgb(147, 195,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4307, 47.9864, 43.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 195, 166) }
```

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

```
.background{ background-color: rgb(147,  
195, 166) }
```

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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