

Converting Colors

XYZ(38.0838, 47.3848, 62.3973)

Have a look what the booklet for
XYZ(38.0838, 47.3848, 62.3973)
contains.

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Color

**XYZ(38.0838, 47.3848,
62.3973)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7AC3C9 |
| RGB | 122, 195, 201 |
| RGB Percent | 48%, 76%, 79% |
| CMY | 0.5216, 0.2353, 0.2118 |
| CMYK | 0.39, 0.03, 0.00, 0.21 |
| HSL | 185°, 42%, 63% |
| HSV | 185°, 39%, 79% |
| XYZ | 38.0838, 47.3848, 62.3973 |
| YIQ | 173.8570, -45.4340, -13.6100 |

Conversions

Conversions Part 2

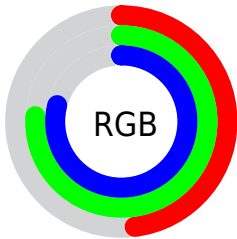
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 122, 160, 201 |
| Decimal | 8045513 |
| CIELab | 74.44, -21.19, -10.20 |
| CIELCh | 74, 23.521, 205.702 |
| Yxy | 47.3848, 0.2576, 0.3205 |
| Android (android.graphics.Color) | 4286235593 (0xFF7AC3C9) |
| YUV | 173.8570, 13.3815, -45.4786 |
| Hunter-Lab | 68.8366, -21.7091, -5.5581 |

Details

The XYZ color **38.0838, 47.3848, 62.3973** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.3203, 29.2618, 22.2002**, and the grayscale version is **40.1101, 42.1990, 45.9547**.

A 20% lighter version of the original color is **71.2205, 86.3058, 107.5127**, and **17.1061, 22.3496, 31.0161** is the 20% darker color. If you saturate the color by 10%, you get **35.1870, 45.3875, 62.1653**, and if you desaturate by 10%, it is **41.5755, 49.6962, 62.6602**.

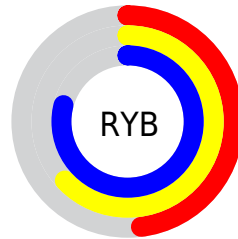
Distribution



Red (48%)

Green (76%)

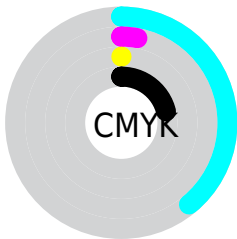
Blue (79%)



Red (48%)

Yellow (63%)

Blue (79%)

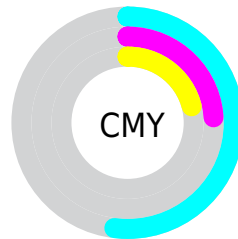


Cyan (39%)

Magenta (3%)

Yellow (0%)

Black (21%)



Cyan (52%)

Magenta (24%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0838, 47.3848, 62.3973 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 38.0838, 47.3848, 62.3973 by changing the saturation by 10% instead.

■ 38.0838, 47.3848,
62.3973

■ 38.0838, 47.3848,
62.3973

329.2540,
376.3484, 451.4264

■ 26.2252, 33.3400,
44.9159

■ 71.5396, 86.2877,
109.8767

■ 17.1258, 22.3870,
31.0488

■ 93.8676, 111.9146,
140.7118

■ 10.4201, 14.1415,
20.3772

■ 120.4161,
142.1709, 176.8353

■ 5.7428, 8.2192,
12.4827

151.5505,
177.4411, 218.6656

■ 2.7285, 4.2355,
6.9468

187.6361,
218.1096, 266.6213

■ 1.0118, 1.8062,
3.3509

229.0383,

■ 0.0000, 0.4910,

264.5607, 321.1210

1.2765

276.1225,
317.1788, 382.5832

■ 0.0000, 0.0000,
0.0424

■ 0.0000, 0.0000,
0.0000

■ 38.0838, 47.3848,
62.3973

■ 38.0838, 47.3848,
62.3973

■ 35.1870, 45.3875,
62.1653

■ 41.5755, 49.6962,
62.6602

■ 32.8443, 43.6799,
61.9592

■ 45.6914, 52.3335,
62.9523

■ 31.0165, 42.2429,
61.7781

■ 50.4637, 55.3144,
63.2762

■ 29.6573, 41.0526,
61.6200

■ 55.9213, 58.6538,
63.6331

■ 28.7123, 40.0810,
61.4823

■ 62.0914, 62.3657,
64.0244

■ 28.0869, 39.2793,
61.3605

■ 68.9996, 66.4635,
64.4512

■ 28.0469, 39.2254,
61.3522

■ 73.7786, 69.4688,
64.7794

■ 74.1471, 70.2058,
64.9023

■ 74.5192, 70.9499,
65.0263

Harmonies

Analogous

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



37.3873, 47.3848, 49.8639



38.0838, 47.3848, 62.3973



40.5982, 47.3848, 73.3869

Triad

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



38.0838, 47.3848, 62.3973



52.1144, 47.3848, 65.9012



45.6516, 47.3848, 31.6374

Complementary

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



38.0838, 47.3848, 62.3973



35.3203, 29.2618, 22.2002

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.



49.7899, 47.3848, 34.6088



38.0838, 47.3848, 62.3973



53.6667, 47.3848, 53.3637

Square

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



38.0838, 47.3848, 62.3973



48.6670, 47.3848, 75.6223



52.7907, 47.3848, 42.1157



41.5937, 47.3848, 33.2852

Rectangle

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



38.0838, 47.3848, 62.3973



43.0542, 47.3848, 77.6885



52.7907, 47.3848, 42.1157



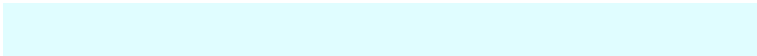
47.0814, 47.3848, 32.1144

Sweetspot

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



38.0852, 47.3867, 62.3984



83.9379, 93.1778, 108.1689



32.7620, 47.4511, 27.6035



17.7298, 19.7967, 23.1366



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.



38.0852, 47.3867, 62.3984



60.9912, 78.2341, 106.4939



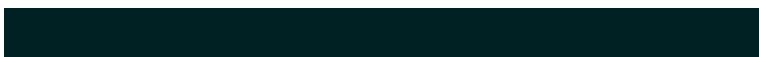
30.4975, 32.2113, 59.8692



10.8752, 11.9244, 13.6459



17.6646, 24.7232, 38.5854



0.8574, 1.2127, 1.8340

Inverse Universe

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



40.8985, 30.2780, 55.3204



66.5441, 45.2775, 92.3406



41.3773, 41.3759, 24.2192



11.0470, 10.8022, 13.2308



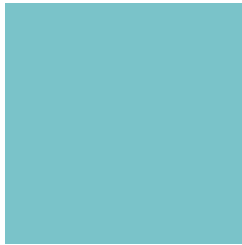
20.7156, 10.0358, 30.0420



0.9915, 0.4794, 1.4783

Previews

White Background



This preview shows how the XYZ color 38.0838, 47.3848, 62.3973 looks on a white background.

Color Contrast Check

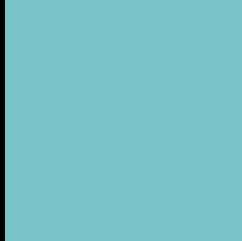
Large Text (above 18pt) WCAG AA × Fail

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 38.0838, 47.3848, 62.3973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

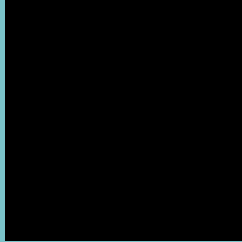
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.0838, 47.3848, 62.3973

Background



This preview shows how black text looks on a background with the XYZ color 38.0838, 47.3848, 62.3973.

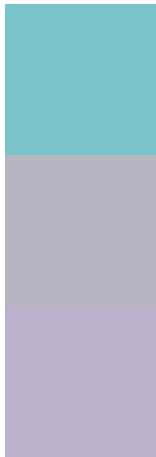


This preview shows how white text looks on a background with the XYZ color 38.0838, 47.3848,

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

38.0838, 47.3848, 62.3973

Protanopia

45.3297, 46.7986, 56.5131

Deuteranopia

47.7279, 46.6709, 64.2505



Tritanopia

39.1126, 47.4721, 67.4232

Trichromacy



Original Color

38.0838, 47.3848, 62.3973

Protanomaly

41.9064, 46.5315, 58.4025

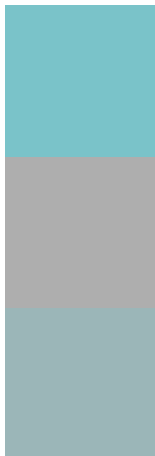
Deuteranomaly

43.5566, 46.6399, 63.8335

Tritanomaly

38.6007, 47.2508, 65.4784

Monochromacy



Original Color

38.0838, 47.3848, 62.3973

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

38.8972, 43.8852, 51.7680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0838, 47.3848, 62.3973 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(122, 195, 201)` looks like.

```
.text, #text, p{  
    color:rgb(122, 195, 201)  
}
```

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(122, 195, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 195, 201) }
```

Border

The CSS property to change the border of an element to XYZ 38.0838, 47.3848, 62.3973 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(122, 195, 201) }
```


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

```
.border{ border-color:rgb(122, 195, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 195, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 195, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 195, 201); box-shadow:4px 4px 4px 4px rgb(122, 195, 201) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0838, 47.3848, 62.3973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 195, 201) }
```

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

```
.background{ background-color: rgb(122,  
195, 201) }
```

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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