

Converting Colors

XYZ(42.2700, 47.7374, 48.2356)

Have a look what the booklet for
XYZ(42.2700, 47.7374, 48.2356)
contains.

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Color

**XYZ(42.3963, 47.9648,
48.0979)**

Conversions

Conversions Part 1

Format	Color
Hex	A9BDB0
RGB	169, 189, 176
RGB Percent	66%, 74%, 69%
CMY	0.3372, 0.2588, 0.3098
CMYK	0.11, 0.00, 0.07, 0.26
HSL	141°, 13%, 70%
HSV	141°, 11%, 74%
XYZ	42.3963, 47.9648, 48.0979
YIQ	181.5380, -7.7470, -8.2830

Conversions

Conversions Part 2

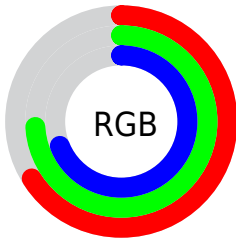
Format	Color
RYB	169, 184, 189
Decimal	11124144
CIELab	74.80, -9.36, 4.24
CIElCh	75, 10.274, 155.637
Yxy	47.9648, 0.3062, 0.3464
Android (android.graphics.Color)	4289314224 (0xFFA9BDB0)
YUV	181.5380, -2.7302, -10.9958
Hunter-Lab	69.2566, -11.9281, 7.3034

Details

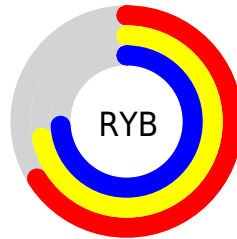
The XYZ color **42.3963, 47.9648, 48.0979** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.6195, 42.5735, 50.1768**, and the grayscale version is **44.2308, 46.5343, 50.6758**.

A 20% lighter version of the original color is **77.9584, 86.9783, 89.0236**, and **19.7784, 22.8455, 22.4360** is the 20% darker color. If you saturate the color by 10%, you get **37.4699, 45.5607, 41.8064**, and if you desaturate by 10%, it is **48.0216, 50.7192, 54.9985**.

Distribution



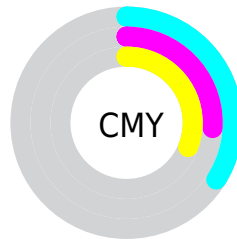
- Red (66%)
- Green (74%)
- Blue (69%)



- Red (66%)
- Yellow (72%)
- Blue (74%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (26%)



- Cyan (34%)
- Magenta (26%)
- Yellow (31%)
- Black (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3963, 47.9648, 48.0979 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 42.3963, 47.9648, 48.0979 by changing the saturation by 10% instead.

■ 42.3963, 47.9648,
48.0979

■ 42.3963, 47.9648,
48.0979

347.0869,
378.6526, 395.6999

■ 29.6042, 33.7990,
33.5439

■ 78.0605, 87.1520,
88.7172

■ 19.6849, 22.7392,
22.2689

101.6632,
112.9422, 115.6196

■ 12.2732, 14.4011,
13.8544

129.6003,
143.3760, 147.4752

■ 7.0035, 8.4001,
7.8819

162.2369,
178.8377, 184.7025

■ 3.5106, 4.3520,
3.9328

199.9386,
219.7119, 227.7201

■ 1.4292, 1.8724,
1.5885

243.0705,

■ 0.2769, 0.5317,

266.3828, 276.9465

0.2826

291.9982,
319.2349, 332.8003

■ 0.0000, 0.0000,
0.0000

■ 42.3963, 47.9648,
48.0979

■ 42.3963, 47.9648,
48.0979

■ 37.4699, 45.5607,
41.8064

■ 48.0216, 50.7192,
54.9985

■ 33.2105, 43.4867,
36.1045

■ 54.3680, 53.8310,
62.5209

■ 29.5895, 41.7297,
30.9758

■ 61.4619, 57.3148,
70.6813

■ 26.5747, 40.2736,
26.4025

■ 69.3270, 61.1824,
79.4945

■ 24.1310, 39.1007,
22.3655

■ 74.7879, 63.7968,
88.8251

■ 22.2194, 38.1912,
18.8448

■ 76.6498, 64.5415,
98.6297

■ 20.7960, 37.5229,
15.8188

■ 77.4885, 64.8770,
103.0462

■ 19.8090, 37.0696,
13.2646

■ 19.1860, 36.7920,
11.2665

Harmonies

Analogous

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



43.5292, 47.9648, 44.3070



42.3963, 47.9648, 48.0979



42.1089, 47.9648, 53.2419

Triad

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



42.3963, 47.9648, 48.0979



45.9426, 47.9648, 63.1403



48.5695, 47.9648, 46.4610

Complementary

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



42.3963, 47.9648, 48.0979



43.6195, 42.5735, 50.1768

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.



49.2560, 47.9648, 51.2221



42.3963, 47.9648, 48.0979



47.7130, 47.9648, 61.0353

Square

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



42.3963, 47.9648, 48.0979



44.1241, 47.9648, 62.1627



48.9383, 47.9648, 56.5828



47.0862, 47.9648, 43.4081

Rectangle

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



42.3963, 47.9648, 48.0979



42.4284, 47.9648, 56.8016



48.9383, 47.9648, 56.5828



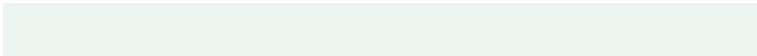
48.9030, 47.9648, 47.9021

Sweetspot

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



42.3976, 47.9668, 48.0990



83.4015, 89.5598, 95.3494



44.7311, 49.2478, 44.6851



17.7556, 19.1716, 20.2859



90.7827, 95.5105, 104.0109



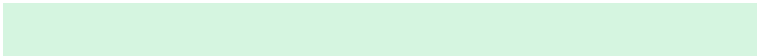
18.6292, 19.5994, 21.3438

Same Dimension

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



42.3976, 47.9668, 48.0990



73.4954, 84.7143, 83.0790



43.3889, 48.3634, 53.3191



9.5429, 10.7033, 10.8426



12.9414, 24.7668, 7.7540



0.5383, 0.9827, 0.4691

Inverse Universe

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



43.6195, 42.5735, 50.1768



76.1776, 72.8741, 87.6397



42.6542, 42.1873, 45.0937



9.7843, 9.6380, 11.2531



16.5571, 8.2540, 13.4930



0.6784, 0.3353, 0.6857

Previews

White Background



This preview shows how the XYZ color 42.3963, 47.9648, 48.0979 looks on a white background.

Color Contrast Check

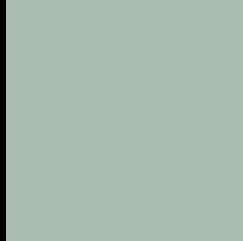
Large Text (above 18pt) WCAG AA × Fail

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 42.3963, 47.9648, 48.0979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

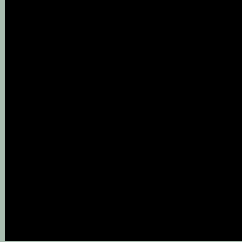
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

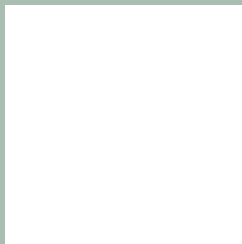
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3963, 47.9648, 48.0979

Background



This preview shows how black text looks on a background with the XYZ color 42.3963, 47.9648, 48.0979.



This preview shows how white text looks on a background with the XYZ color 42.3963, 47.9648,

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

42.3963, 47.9648, 48.0979

Protanopia

45.7115, 47.8313, 46.3583

Deuteranopia

48.8581, 47.8925, 48.7886



Tritanopia

45.0079, 47.7523, 61.4885

Trichromacy



Original Color

42.3963, 47.9648, 48.0979

Protanomaly

44.2803, 47.6990, 46.9174

Deuteranomaly

46.1496, 47.7066, 48.3709

Tritanomaly

43.9761, 47.6501, 56.1698

Monochromacy



Original Color

42.3963, 47.9648, 48.0979

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.7186, 47.3403, 50.0134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3963, 47.9648, 48.0979 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(169, 189, 176)` looks like.

```
.text, #text, p{  
    color:rgb(169, 189, 176)  
}
```

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(169, 189, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 189, 176) }
```

Border

The CSS property to change the border of an element to XYZ 42.3963, 47.9648, 48.0979 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(169, 189, 176) }
```


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

```
.border{ border-color:rgb(169, 189, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 189, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 189, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 189, 176);  
box-shadow:4px 4px 4px 4px rgb(169, 189,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3963, 47.9648, 48.0979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 189, 176) }
```

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

```
.background{ background-color: rgb(169,  
189, 176) }
```

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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