

Converting Colors

XYZ(40.6978, 48.9995, 50.4669)

Have a look what the booklet for
XYZ(40.6978, 48.9995, 50.4669)
contains.

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Color

**XYZ(40.7022, 49.0009,
50.4929)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 98C3B4 |
| RGB | 152, 195, 180 |
| RGB Percent | 60%, 76%, 71% |
| CMY | 0.4039, 0.2353, 0.2941 |
| CMYK | 0.22, 0.00, 0.08, 0.24 |
| HSL | 159°, 26%, 68% |
| HSV | 159°, 22%, 76% |
| XYZ | 40.7022, 49.0009, 50.4929 |
| YIQ | 180.4330, -20.8130, -13.7810 |

Conversions

Conversions Part 2

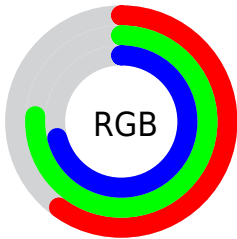
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 152, 178, 195 |
| Decimal | 10011572 |
| CIELab | 75.45, -17.31, 2.87 |
| CIELCh | 75, 17.551, 170.588 |
| Yxy | 49.0009, 0.2903, 0.3495 |
| Android (android.graphics.Color) | 4288201652 (0xFF98C3B4) |
| YUV | 180.4330, -0.2135, -24.9357 |
| Hunter-Lab | 70.0006, -18.7115, 6.2334 |

Details

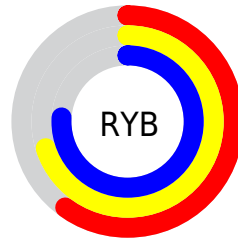
The XYZ color **40.7022, 49.0009, 50.4929** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.7107, 36.8498, 41.5283**, and the grayscale version is **43.6254, 45.8973, 49.9821**.

A 20% lighter version of the original color is **75.6829, 88.9423, 92.5356**, and **18.6112, 23.2914, 23.5934** is the 20% darker color. If you saturate the color by 10%, you get **36.6723, 47.0029, 46.7754**, and if you desaturate by 10%, it is **45.3689, 51.3259, 54.4199**.

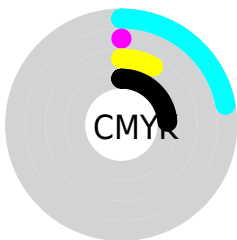
Distribution



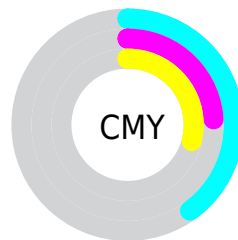
- Red (60%)
- Green (76%)
- Blue (71%)



- Red (60%)
- Yellow (70%)
- Blue (76%)



- Cyan (22%)
- Magenta (0%)
- Yellow (8%)
- Black (24%)





- Cyan (40%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.7022, 49.0009, 50.4929 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 40.7022, 49.0009, 50.4929 by changing the saturation by 10% instead.


 40.7022, 49.0009,
50.4929


 40.7022, 49.0009,
50.4929


340.1583,
382.7459, 405.3805

 28.2731, 34.6202,
35.4313

 75.5092, 88.6928,
92.3086

 18.6731, 23.3705,
23.7091


 98.6178, 114.7728,
119.8997

 11.5369, 14.8673,
14.9078

126.0169,
145.5213, 152.5044

 6.4991, 8.7263,
8.6088

158.0720,
181.3227, 190.5412

 3.1944, 4.5631,
4.3936

195.1483,
222.5615, 234.4287

 1.2574, 1.9933,
1.8436

237.6112,

 0.1510, 0.6036,

269.6221, 284.5854

0.4565

285.8261,
322.8887, 341.4298

■ 0.0000, 0.0000,
0.0000

■ 40.7022, 49.0009,
50.4929

■ 40.7022, 49.0009,
50.4929

■ 36.6723, 47.0029,
46.7754

■ 45.3689, 51.3259,
54.4199

■ 33.2454, 45.3105,
43.2602

■ 50.6961, 53.9862,
58.5568

■ 30.3905, 43.9092,
39.9443

■ 56.7112, 56.9970,
62.9084

■ 28.0724, 42.7808,
36.8234

■ 63.4389, 60.3711,
67.4782

■ 26.2514, 41.9051,
33.8930

■ 70.9026, 64.1204,
72.2697

■ 24.8826, 41.2587,
31.1481

■ 73.7833, 65.5029,
77.0362

■ 23.9121, 40.8142,
28.5835

■ 74.7075, 65.8726,
81.9028

■ 23.3449, 40.5636,
26.6681

■ 75.6688, 66.2571,
86.9650

■ 76.6677, 66.6567,
92.2251

Harmonies

Analogous

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



41.9309, 49.0009, 42.8227



40.7022, 49.0009, 50.4929



40.9895, 49.0009, 59.8674

Triad

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



40.7022, 49.0009, 50.4929



48.7960, 49.0009, 71.8307



50.6363, 49.0009, 40.7383

Complementary

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



40.7022, 49.0009, 50.4929



40.7107, 36.8498, 41.5283

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.



52.6437, 49.0009, 47.3304



40.7022, 49.0009, 50.4929



51.5476, 49.0009, 65.4834

Square

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



40.7022, 49.0009, 50.4929



45.5640, 49.0009, 72.9313



52.9847, 49.0009, 56.3205



47.5986, 49.0009, 37.6363

Rectangle

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



40.7022, 49.0009, 50.4929



42.0075, 49.0009, 65.8053



52.9847, 49.0009, 56.3205



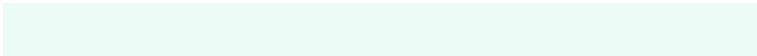
51.4597, 49.0009, 42.5810

Sweetspot

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



40.7036, 49.0029, 50.4940



85.8181, 94.1996, 101.0774



41.1311, 49.5203, 37.0970



18.6650, 20.5647, 22.0350



0.0000, 0.0000, 0.0000



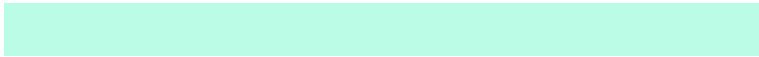
20.3446, 21.4041, 23.3091

Same Dimension

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



40.7036, 49.0029, 50.4940



69.6196, 86.1330, 87.4885



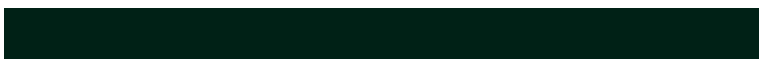
40.9017, 46.8193, 58.5134



10.2145, 11.3668, 12.1326



15.2132, 26.3793, 17.5477



0.6889, 1.1524, 0.9244

Inverse Universe

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



40.7107, 36.8498, 41.5283



69.6358, 60.8797, 68.8658



40.4785, 38.4779, 35.0000



10.2150, 10.1346, 11.2230



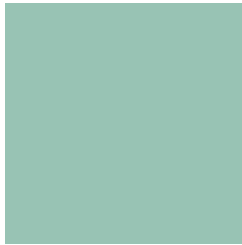
15.3425, 7.8267, 4.4495



0.6957, 0.3513, 0.3652

Previews

White Background



This preview shows how the XYZ color 40.7022, 49.0009, 50.4929 looks on a white background.

Color Contrast Check

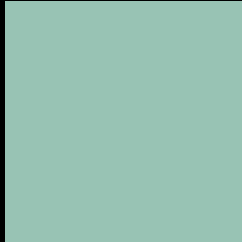
Large Text (above 18pt) WCAG AA × Fail

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 40.7022, 49.0009, 50.4929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

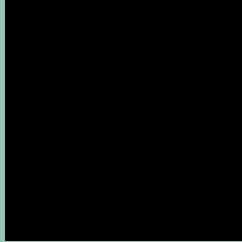
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

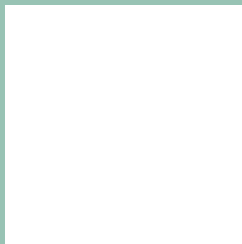
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.7022, 49.0009, 50.4929

Background



This preview shows how black text looks on a background with the XYZ color 40.7022, 49.0009, 50.4929.



This preview shows how white text looks on a background with the XYZ color 40.7022, 49.0009,

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

40.7022, 49.0009, 50.4929

Protanopia

46.4748, 48.8303, 47.0201

Deuteranopia

49.5692, 48.4965, 51.5479



Tritanopia

43.6760, 48.8859, 65.5265

Trichromacy



Original Color

40.7022, 49.0009, 50.4929

Protanomaly

44.1655, 48.8769, 48.1807

Deuteranomaly

45.8000, 48.3896, 51.1822

Tritanomaly

42.4452, 48.6991, 59.9861

Monochromacy



Original Color

40.7022, 49.0009, 50.4929

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.1647, 46.5393, 49.9407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7022, 49.0009, 50.4929 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(152, 195, 180)` looks like.

```
.text, #text, p{  
    color:rgb(152, 195, 180)  
}
```

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(152, 195, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 195, 180) }
```

Border

The CSS property to change the border of an element to XYZ 40.7022, 49.0009, 50.4929 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(152, 195, 180) }
```


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

```
.border{ border-color:rgb(152, 195, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 195, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 195, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 195, 180);  
box-shadow:4px 4px 4px 4px rgb(152, 195,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7022, 49.0009, 50.4929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 195, 180) }
```

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

```
.background{ background-color: rgb(152,  
195, 180) }
```

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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