

Converting Colors

XYZ(42.3974, 50.7225, 58.0079)

Have a look what the booklet for
XYZ(42.3974, 50.7225, 58.0079)
contains.

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Color

**XYZ(42.3974, 50.7225,
58.0079)**

Conversions

Conversions Part 1

Format	Color
Hex	96C6C1
RGB	150, 198, 193
RGB Percent	59%, 78%, 76%
CMY	0.4118, 0.2235, 0.2431
CMYK	0.24, 0.00, 0.03, 0.22
HSL	174°, 30%, 68%
HSV	174°, 24%, 78%
XYZ	42.3974, 50.7225, 58.0079
YIQ	183.0780, -27.0030, -11.7310

Conversions

Conversions Part 2

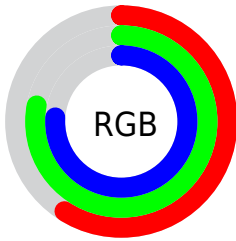
Format	Color
RYB	150, 175, 198
Decimal	9881281
CIELab	76.51, -16.72, -2.63
CIELCh	77, 16.923, 188.948
Yxy	50.7225, 0.2805, 0.3356
Android (android.graphics.Color)	4288071361 (0xFF96C6C1)
YUV	183.0780, 4.8915, -29.0094
Hunter-Lab	71.2197, -18.3727, 1.5626

Details

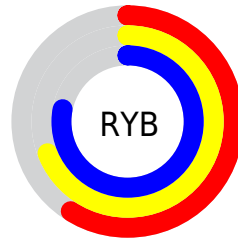
The XYZ color **42.3974, 50.7225, 58.0079** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.1132, 36.1864, 35.8829**, and the grayscale version is **45.0383, 47.3838, 51.6010**.

A 20% lighter version of the original color is **78.0357, 91.3387, 103.1397**, and **19.7439, 24.4366, 28.4871** is the 20% darker color. If you saturate the color by 10%, you get **38.8290, 48.9107, 56.6485**, and if you desaturate by 10%, it is **46.5876, 52.8571, 59.4153**.

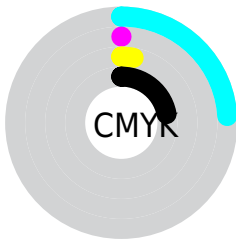
Distribution



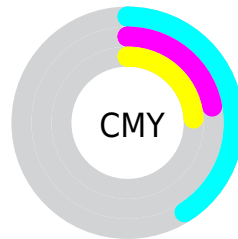
- Red (59%)
- Green (78%)
- Blue (76%)



- Red (59%)
- Yellow (69%)
- Blue (78%)



- Cyan (24%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)





- Cyan (41%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3974, 50.7225, 58.0079 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 42.3974, 50.7225, 58.0079 by changing the saturation by 10% instead.


 42.3974, 50.7225,
58.0079


 42.3974, 50.7225,
58.0079

347.0913,
389.4847, 434.8144

 29.6051, 35.9878,
41.4003

 78.0621, 91.2444,
103.4493

 19.6856, 24.4248,
28.3099


 101.6652,
117.8005, 133.1200

 12.2736, 15.6490,
18.3183


129.6026,
149.0658, 167.9823

 7.0038, 9.2761,
11.0070

162.2396,
185.4247, 208.4546

 3.5109, 4.9217,
5.9573

199.9417,
227.2617, 254.9554

 1.4293, 2.2014,
2.7508

243.0740,

 0.2770, 0.7208,

274.9611, 307.9033

0.9688

292.0022,
328.9073, 367.7168

■ 0.0000, 0.0000,
0.0000

■ 42.3974, 50.7225,
58.0079

■ 42.3974, 50.7225,
58.0079

■ 38.8290, 48.9107,
56.6485

■ 46.5876, 52.8571,
59.4153

■ 35.8471, 47.3995,
55.3323

■ 51.4239, 55.3232,
60.8687

■ 33.4195, 46.1737,
54.0585

■ 56.9349, 58.1367,
62.3705

■ 31.5092, 45.2142,
52.8256

■ 63.1459, 61.3107,
63.9221

■ 30.0746, 44.4996,
51.6314

■ 70.0810, 64.8575,
65.5247

■ 29.0677, 44.0051,
50.4737

■ 72.5007, 66.0763,
66.9330

■ 28.4302, 43.7007,
49.3496

■ 72.7522, 66.1769,
68.2569

■ 28.1676, 43.5791,
48.7148

■ 73.0069, 66.2788,
69.5983

■ 73.2649, 66.3820,
70.9571

Harmonies

Analogous

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



42.7056, 50.7225, 49.1511



42.3974, 50.7225, 58.0079



43.5923, 50.7225, 67.0323

Triad

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



42.3974, 50.7225, 58.0079



52.1726, 50.7225, 70.0590



50.4489, 50.7225, 40.3931

Complementary

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



42.3974, 50.7225, 58.0079



40.1132, 36.1864, 35.8829

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.



53.1432, 50.7225, 44.8982



42.3974, 50.7225, 58.0079



54.1686, 50.7225, 61.7865

Square

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



42.3974, 50.7225, 58.0079



49.1713, 50.7225, 74.4771



54.5314, 50.7225, 52.5387



47.2617, 50.7225, 39.6193

Rectangle

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



42.3974, 50.7225, 58.0079



45.1129, 50.7225, 71.6988



54.5314, 50.7225, 52.5387



51.4462, 50.7225, 41.4954

Sweetspot

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



42.3989, 50.7246, 58.0090



88.4871, 96.6511, 107.0370



39.3337, 49.6204, 36.3596



18.8248, 20.6286, 22.8764



0.0000, 0.0000, 0.0000



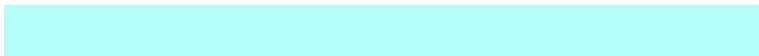
20.3446, 21.4041, 23.3091

Same Dimension

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



42.3989, 50.7246, 58.0090



71.6616, 88.0833, 101.4578



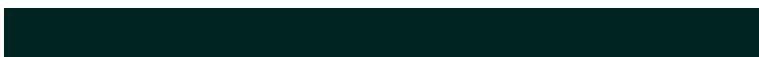
39.0129, 43.0442, 59.6807



10.8972, 12.0478, 13.4090



18.3360, 28.3468, 31.7774



0.8823, 1.3478, 1.5787

Inverse Universe

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



40.1132, 36.1864, 35.8829



66.9330, 57.9917, 55.6717



42.8721, 42.3626, 34.7722



10.6780, 10.6546, 11.2879



15.2465, 7.8482, 1.2419



0.7375, 0.3778, 0.1409

Previews

White Background



This preview shows how the XYZ color 42.3974, 50.7225, 58.0079 looks on a white background.

Color Contrast Check

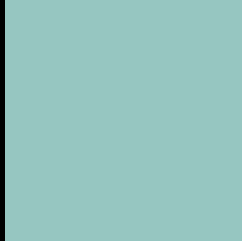
Large Text (above 18pt) WCAG AA × Fail

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 42.3974, 50.7225, 58.0079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

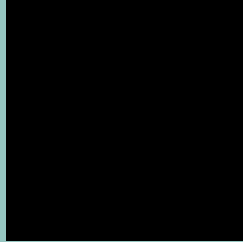
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

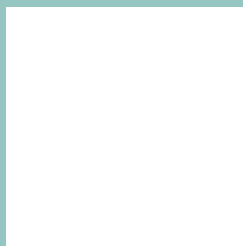
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3974, 50.7225, 58.0079

Background



This preview shows how black text looks on a background with the XYZ color 42.3974, 50.7225, 58.0079.

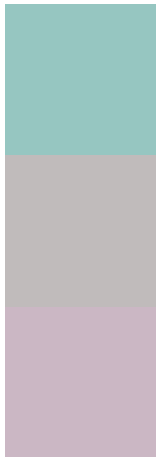


This preview shows how white text looks on a background with the XYZ color 42.3974, 50.7225,

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

42.3974, 50.7225, 58.0079

Protanopia

48.4782, 50.3350, 54.1743

Deuteranopia

51.5259, 50.5490, 59.2658



Tritanopia

44.5994, 50.6034, 69.0448

Trichromacy



Original Color

42.3974, 50.7225, 58.0079

Protanomaly

45.9476, 50.2828, 55.4280

Deuteranomaly

47.6007, 50.0969, 58.7906

Tritanomaly

43.7759, 50.6118, 64.5886

Monochromacy



Original Color

42.3974, 50.7225, 58.0079

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.7474, 48.2122, 54.0139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3974, 50.7225, 58.0079 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(150, 198, 193)` looks like.

```
.text, #text, p{  
    color:rgb(150, 198, 193)  
}
```

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(150, 198, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 198, 193) }
```

Border

The CSS property to change the border of an element to XYZ 42.3974, 50.7225, 58.0079 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(150, 198, 193) }
```


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

```
.border{ border-color:rgb(150, 198, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 198, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 198, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 198, 193);  
box-shadow:4px 4px 4px 4px rgb(150, 198,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3974, 50.7225, 58.0079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 198, 193) }
```

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

```
.background{ background-color: rgb(150,  
198, 193) }
```

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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