

Converting Colors

XYZ(42.5023, 48.7644, 58.8751)

Have a look what the booklet for
XYZ(42.5023, 48.7644, 58.8751)
contains.

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Color

**XYZ(42.4103, 48.7073,
58.7960)**

Conversions

Conversions Part 1

Format	Color
Hex	9CC0C3
RGB	156, 192, 195
RGB Percent	61%, 75%, 76%
CMY	0.3882, 0.2470, 0.2353
CMYK	0.20, 0.02, 0.00, 0.24
HSL	185°, 25%, 69%
HSV	185°, 20%, 76%
XYZ	42.4103, 48.7073, 58.7960
YIQ	181.5780, -22.4190, -6.6990

Conversions

Conversions Part 2

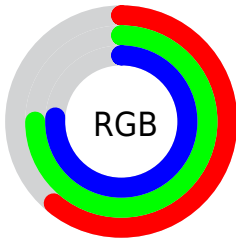
Format	Color
RYB	156, 175, 195
Decimal	10272963
CIELab	75.27, -11.33, -5.50
CIELCh	75, 12.593, 205.918
Yxy	48.7073, 0.2829, 0.3249
Android (android.graphics.Color)	4288463043 (0xFF9CC0C3)
YUV	181.5780, 6.6170, -22.4319
Hunter-Lab	69.7906, -13.6629, -1.0962

Details

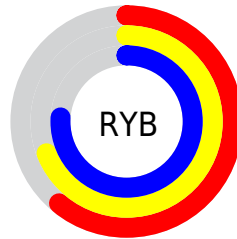
The XYZ color **42.4103, 48.7073, 58.7960** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.9051, 38.7989, 36.7866**, and the grayscale version is **44.2091, 46.5114, 50.6509**.

A 20% lighter version of the original color is **78.0021, 88.0120, 104.9723**, and **19.7493, 23.3314, 28.6618** is the 20% darker color. If you saturate the color by 10%, you get **38.6086, 46.2626, 58.5253**, and if you desaturate by 10%, it is **46.8240, 51.4750, 59.0984**.

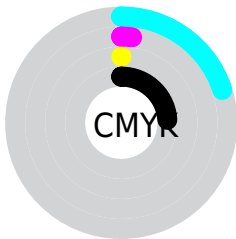
Distribution



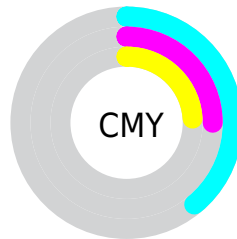
- Red (61%)
- Green (75%)
- Blue (76%)



- Red (61%)
- Yellow (69%)
- Blue (76%)



- Cyan (20%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



- Cyan (39%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4103, 48.7073, 58.7960 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 42.4103, 48.7073, 58.7960 by changing the saturation by 10% instead.

■ 42.4103, 48.7073,
58.7960

■ 42.4103, 48.7073,
58.7960

347.1437,
381.5889, 437.8263

■ 29.6152, 34.3873,
42.0300

■ 78.0815, 88.2566,
104.6073

■ 19.6933, 23.1913,
28.7990

■ 101.6883,
114.2547, 134.4897

■ 12.2793, 14.7348,
18.6846

129.6298,
144.9143, 169.5813

■ 7.0077, 8.6335,
11.2681

162.2712,
180.6198, 210.3006

■ 3.5133, 4.5029,
6.1310

199.9779,
221.7557, 257.0663

■ 1.4307, 1.9587,
2.8548

243.1154,

■ 0.2779, 0.5833,

268.7062, 310.2967

1.0210

292.0489,
321.8558, 370.4106

■ 0.0000, 0.0000,
0.0000

■ 42.4103, 48.7073,
58.7960

■ 42.4103, 48.7073,
58.7960

■ 38.6086, 46.2626,
58.5253

■ 46.8240, 51.4750,
59.0984

■ 35.3858, 44.1201,
58.2816

■ 51.8723, 54.5735,
59.4304

■ 32.7120, 42.2655,
58.0646

■ 57.5820, 58.0181,
59.7943

■ 30.5532, 40.6813,
57.8726

■ 63.9770, 61.8209,
60.1913

■ 28.8712, 39.3479,
57.7038

■ 71.0801, 65.9938,
60.6224

■ 27.6229, 38.2429,
57.5563

■ 71.9764, 66.9721,
60.7639

■ 26.7571, 37.3400,
57.4277

■ 72.3275, 67.6743,
60.8810

■ 26.1744, 36.5879,
57.3132

■ 72.6821, 68.3834,
60.9992

■ 26.1743, 36.5879,
57.3132

■ 73.0401, 69.0993,
61.1185

Harmonies

Analogous

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



42.0005, 48.7073, 52.1329



42.4103, 48.7073, 58.7960



43.8480, 48.7073, 64.2936

Triad

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



42.4103, 48.7073, 58.7960



50.0754, 48.7073, 60.4935



46.6120, 48.7073, 41.3209

Complementary

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



42.4103, 48.7073, 58.7960



40.9051, 38.7989, 36.7866

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.



48.8310, 48.7073, 43.1722



42.4103, 48.7073, 58.7960



50.8723, 48.7073, 53.9454

Square

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



42.4103, 48.7073, 58.7960



48.2653, 48.7073, 65.3295



50.4096, 48.7073, 47.6613



44.3787, 48.7073, 42.3869

Rectangle

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



42.4103, 48.7073, 58.7960



45.2216, 48.7073, 66.3669



50.4096, 48.7073, 47.6613



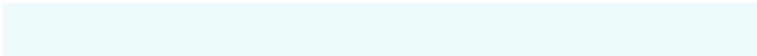
47.3849, 48.7073, 41.6182

Sweetspot

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



42.4117, 48.7093, 58.7971



87.2549, 94.2866, 106.0701



39.4497, 48.5884, 39.9195



18.9784, 20.5680, 23.2197



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.



42.4117, 48.7093, 58.7971



72.8492, 85.2529, 105.0857



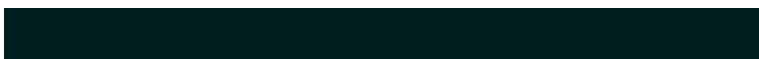
38.4860, 40.8579, 57.4885



10.3002, 11.2917, 12.9215



17.0395, 23.8355, 37.2593



0.7563, 1.0700, 1.6165

Inverse Universe

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



43.9098, 39.1860, 55.1207



76.0386, 65.1827, 97.2125



44.4477, 45.8840, 37.9674



10.4628, 10.2337, 12.5277



19.9967, 9.6884, 28.9585



0.8741, 0.4227, 1.3045

Previews

White Background



This preview shows how the XYZ color 42.4103, 48.7073, 58.7960 looks on a white background.

Color Contrast Check

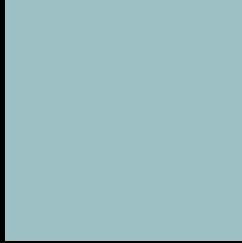
Large Text (above 18pt) WCAG AA × Fail

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 42.4103, 48.7073, 58.7960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

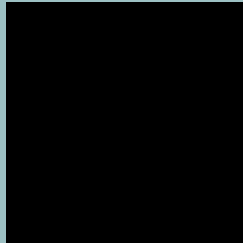
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4103, 48.7073, 58.7960

Background



This preview shows how black text looks on a background with the XYZ color 42.4103, 48.7073, 58.7960.

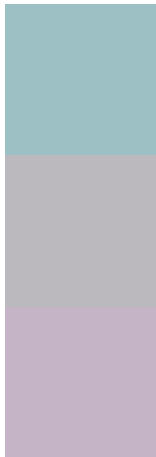


This preview shows how white text looks on a background with the XYZ color 42.4103, 48.7073,

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

42.4103, 48.7073, 58.7960

Protanopia

46.9283, 48.5635, 55.6155

Deuteranopia

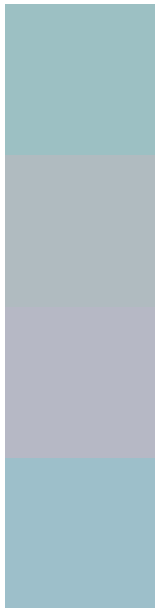
49.5403, 48.5901, 60.1938



Tritanopia

43.6546, 48.5522, 65.4632

Trichromacy



Original Color

42.4103, 48.7073, 58.7960

Protanomaly

45.1892, 48.5765, 56.8637

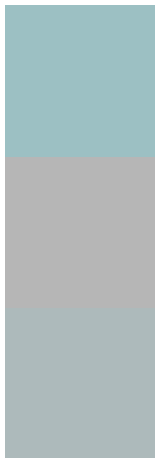
Deuteranomaly

46.5099, 48.2573, 59.6866

Tritanomaly

43.1961, 48.6940, 62.9993

Monochromacy



Original Color

42.4103, 48.7073, 58.7960

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.7621, 47.5899, 53.8930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4103, 48.7073, 58.7960 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(156, 192, 195)` looks like.

```
.text, #text, p{  
    color:rgb(156, 192, 195)  
}
```

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(156, 192, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 192, 195) }
```

Border

The CSS property to change the border of an element to XYZ 42.4103, 48.7073, 58.7960 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(156, 192, 195) }
```


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

```
.border{ border-color:rgb(156, 192, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 192, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 192, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 192, 195);  
box-shadow:4px 4px 4px 4px rgb(156, 192,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4103, 48.7073, 58.7960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 192, 195) }
```

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

```
.background{ background-color: rgb(156,  
192, 195) }
```

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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