

Converting Colors

XYZ(42.4122, 49.3250, 57.7597)

Have a look what the booklet for
XYZ(42.4122, 49.3250, 57.7597)
contains.

| | |
|--|----|
| XYZ(42.4350, 49.4024, 57.7511) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(42.4350, 49.4024,
57.7511)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 9BC2C1 |
| RGB | 155, 194, 193 |
| RGB Percent | 61%, 76%, 76% |
| CMY | 0.3921, 0.2392, 0.2431 |
| CMYK | 0.20, 0.00, 0.01, 0.24 |
| HSL | 178°, 24%, 68% |
| HSV | 178°, 20%, 76% |
| XYZ | 42.4350, 49.4024, 57.7511 |
| YIQ | 182.2250, -22.9230, -8.5790 |

Conversions

Conversions Part 2

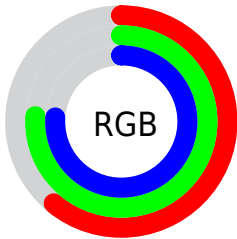
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 155, 175, 194 |
| Decimal | 10207937 |
| CIELab | 75.70, -13.11, -3.79 |
| CIELCh | 76, 13.651, 196.113 |
| Yxy | 49.4024, 0.2837, 0.3303 |
| Android (android.graphics.Color) | 4288398017 (0xFF9BC2C1) |
| YUV | 182.2250, 5.3121, -23.8763 |
| Hunter-Lab | 70.2868, -15.2343, 0.4852 |

Details

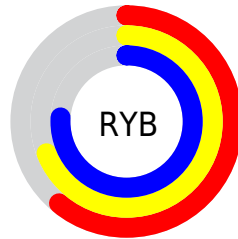
The XYZ color **42.4350, 49.4024, 57.7511** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.9720, 37.3137, 36.5501**, and the grayscale version is **44.5681, 46.8891, 51.0622**.

A 20% lighter version of the original color is **78.1744, 89.5356, 102.7844**, and **19.7052, 23.5332, 28.3147** is the 20% darker color. If you saturate the color by 10%, you get **38.9517, 47.6144, 57.2992**, and if you desaturate by 10%, it is **46.5196, 51.5029, 58.2343**.

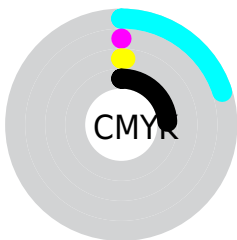
Distribution



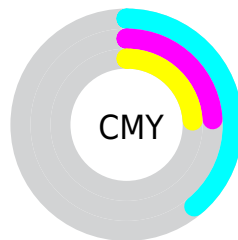
- Red (61%)
- Green (76%)
- Blue (76%)



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



- Cyan (20%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4350, 49.4024, 57.7511 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 42.4350, 49.4024, 57.7511 by changing the saturation by 10% instead.

■ 42.4350, 49.4024,
57.7511

■ 42.4350, 49.4024,
57.7511

347.2440,
384.3243, 433.8302

■ 29.6347, 34.9388,
41.1952

■ 78.1186, 89.2888,
103.0715

■ 19.7081, 23.6157,
28.1508

■ 101.7326,
115.4804, 132.6731

■ 12.2901, 15.0488,
18.1993

129.6818,
146.3501, 167.4603

■ 7.0152, 8.8537,
10.9223

162.3316,
182.2824, 207.8518

■ 3.5180, 4.6458,
5.9011

200.0474,
223.6615, 254.2659

■ 1.4332, 2.0410,
2.7172

243.1945,

■ 0.2797, 0.6311,

270.8720, 307.1214

0.9521

292.1382,
324.2981, 366.8366

■ 0.0000, 0.0000,
0.0000

■ 42.4350, 49.4024,
57.7511

■ 42.4350, 49.4024,
57.7511

■ 38.9517, 47.6144,
57.2992

■ 46.5196, 51.5029,
58.2343

■ 36.0368, 46.1181,
56.8737

■ 51.2277, 53.9236,
58.7465

■ 33.6609, 44.8997,
56.4745

■ 56.5859, 56.6793,
59.2902

■ 31.7903, 43.9417,
56.0999

■ 62.6176, 59.7823,
59.8664

■ 30.3875, 43.2248,
55.7482

■ 69.3454, 63.2441,
60.4761

■ 29.4095, 42.7270,
55.4174

■ 70.4958, 63.8306,
60.8258

■ 28.8059, 42.4221,
55.1050

■ 70.5526, 63.8533,
61.1254

■ 28.4798, 42.2602,
54.8095

■ 70.6097, 63.8762,
61.4259

■ 70.6670, 63.8991,
61.7274

Harmonies

Analogous

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



42.3893, 49.4024, 50.5157



42.4350, 49.4024, 57.7511



43.6630, 49.4024, 64.4702

Triad

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



42.4350, 49.4024, 57.7511



50.5497, 49.4024, 64.0393



48.1328, 49.4024, 41.3671

Complementary

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



42.4350, 49.4024, 57.7511



39.9720, 37.3137, 36.5501

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.



50.4095, 49.4024, 44.3611



42.4350, 49.4024, 57.7511



51.8384, 49.4024, 57.2046

Square

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



42.4350, 49.4024, 57.7511



48.3187, 49.4024, 68.3174



51.7861, 49.4024, 50.0159



45.6182, 49.4024, 41.4848

Rectangle

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



42.4350, 49.4024, 57.7511



45.0129, 49.4024, 67.5625



51.7861, 49.4024, 50.0159



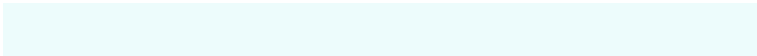
48.9532, 49.4024, 42.0305

Sweetspot

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



42.4364, 49.4044, 57.7522



87.5585, 94.9926, 105.8664



38.9781, 48.0501, 38.2315



19.0521, 20.7395, 23.1702



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.



42.4364, 49.4044, 57.7522



74.0508, 88.0505, 104.2704



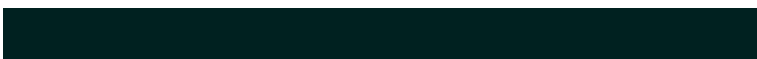
38.7428, 41.8375, 57.0748



10.3570, 11.4238, 12.8833



18.7287, 27.7855, 36.0599



0.8128, 1.2020, 1.5770

Inverse Universe

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



39.9720, 37.3137, 36.5501



68.7999, 62.2873, 59.0943



43.1482, 43.8015, 37.1917



10.0835, 10.0820, 10.5300



14.6501, 7.5498, 0.8037



0.6367, 0.3277, 0.0542

Previews

White Background



This preview shows how the XYZ color 42.4350, 49.4024, 57.7511 looks on a white background.

Color Contrast Check

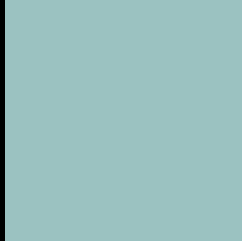
Large Text (above 18pt) WCAG AA × Fail

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 42.4350, 49.4024, 57.7511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

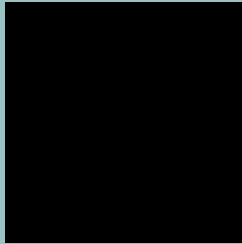
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4350, 49.4024, 57.7511

Background



This preview shows how black text looks on a background with the XYZ color 42.4350, 49.4024, 57.7511.



This preview shows how white text looks on a background with the XYZ color 42.4350, 49.4024,

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

42.4350, 49.4024, 57.7511

Protanopia

47.4123, 49.1476, 54.5645

Deuteranopia

50.3071, 49.3126, 59.0914



Tritanopia

44.2127, 49.4734, 66.2505

Trichromacy



Original Color

42.4350, 49.4024, 57.7511

Protanomaly

45.4089, 49.0313, 55.7859

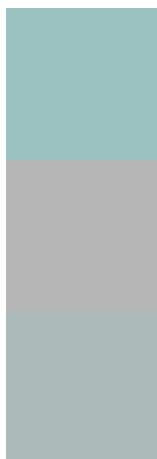
Deuteranomaly

47.1764, 49.2483, 58.6492

Tritanomaly

43.6353, 49.5723, 63.1457

Monochromacy



Original Color

42.4350, 49.4024, 57.7511

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.4351, 47.4336, 53.3207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4350, 49.4024, 57.7511 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(155, 194, 193)` looks like.

```
.text, #text, p{  
    color:rgb(155, 194, 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(155, 194, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 194, 193) }
```

Border

The CSS property to change the border of an element to XYZ 42.4350, 49.4024, 57.7511 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(155, 194, 193) }
```


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

```
.border{ border-color:rgb(155, 194, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 194, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 194, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 194, 193);  
box-shadow:4px 4px 4px 4px rgb(155, 194,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4350, 49.4024, 57.7511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 194, 193) }
```

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

```
.background{ background-color: rgb(155,  
194, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor