

Converting Colors

XYZ(43.0199, 49.4823, 57.9354)

Have a look what the booklet for
XYZ(43.0199, 49.4823, 57.9354)
contains.

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Color

**XYZ(42.9937, 49.3611,
57.7137)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC1C1
RGB	159, 193, 193
RGB Percent	62%, 76%, 76%
CMY	0.3765, 0.2431, 0.2431
CMYK	0.18, 0.00, 0.00, 0.24
HSL	180°, 22%, 69%
HSV	180°, 18%, 76%
XYZ	42.9937, 49.3611, 57.7137
YIQ	182.8340, -20.2640, -7.2080

Conversions

Conversions Part 2

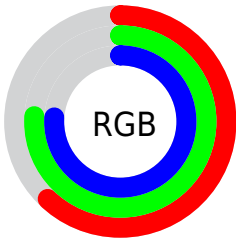
Format	Color
RYB	159, 176, 193
Decimal	10469825
CIELab	75.68, -11.33, -3.80
CIELCh	76, 11.954, 198.524
Yxy	49.3611, 0.2865, 0.3289
Android (android.graphics.Color)	4288659905 (0xFF9FC1C1)
YUV	182.8340, 5.0118, -20.9024
Hunter-Lab	70.2575, -13.7184, 0.4758

Details

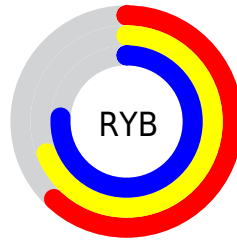
The XYZ color **42.9937, 49.3611, 57.7137** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.6503, 38.6384, 38.1185**, and the grayscale version is **44.9013, 47.2397, 51.4440**.

A 20% lighter version of the original color is **78.7061, 88.8871, 102.6312**, and **20.0296, 23.4845, 28.2882** is the 20% darker color. If you saturate the color by 10%, you get **39.4615, 47.5415, 57.5486**, and if you desaturate by 10%, it is **47.1264, 51.4929, 57.9090**.

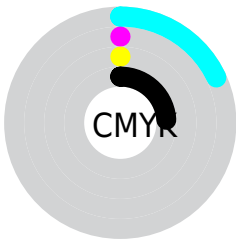
Distribution



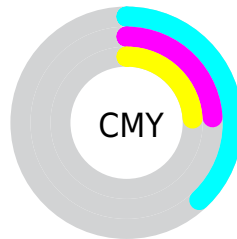
- Red (62%)
- Green (76%)
- Blue (76%)



- Red (62%)
- Yellow (69%)
- Blue (76%)



- Cyan (18%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)



- Cyan (38%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9937, 49.3611, 57.7137 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 42.9937, 49.3611, 57.7137 by changing the saturation by 10% instead.

■ 42.9937, 49.3611,
57.7137

■ 42.9937, 49.3611,
57.7137

349.5078,
384.1622, 433.6867

■ 30.0747, 34.9060,
41.1653

■ 78.9571, 89.2275,
103.0165

■ 20.0436, 23.5905,
28.1276

■ 102.7322,
115.4077, 132.6080

■ 12.5352, 15.0301,
18.1820

130.8567,
146.2649, 167.3843

■ 7.1841, 8.8405,
10.9100

163.6960,
182.1837, 207.7639

■ 3.6248, 4.6373,
5.8929

201.6154,
223.5485, 254.1655

■ 1.4922, 2.0361,
2.7123

244.9803,

■ 0.3205, 0.6283,

270.7435, 307.0074

0.9496

294.1559,
324.1533, 366.7083

■ 0.0000, 0.0000,
0.0000

■ 42.9937, 49.3611,
57.7137

■ 42.9937, 49.3611,
57.7137

■ 39.4615, 47.5415,
57.5486

■ 47.1264, 51.4929,
57.9090

■ 36.4978, 46.0137,
57.4090

■ 51.8811, 53.9440,
58.1324

■ 34.0743, 44.7643,
57.2947

■ 57.2837, 56.7291,
58.3861

■ 32.1583, 43.7766,
57.2042

■ 63.3570, 59.8600,
58.6712

■ 30.7139, 43.0320,
57.1358

■ 69.9374, 63.2523,
58.9800

■ 29.7003, 42.5095,
57.0875

■ 69.9376, 63.2524,
58.9809

■ 29.0698, 42.1845,
57.0571

■ 69.9378, 63.2524,
58.9817

■ 28.7529, 42.0211,
57.0414

■ 69.9379, 63.2525,
58.9826

■ 28.6953, 41.9914,
57.0385

■ 69.9381, 63.2526,
58.9835

Harmonies

Analogous

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



42.8660, 49.3611, 51.3560



42.9937, 49.3611, 57.7137



44.1524, 49.3611, 63.4095

Triad

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



42.9937, 49.3611, 57.7137



50.1792, 49.3611, 62.2334



47.7685, 49.3611, 42.6594

Complementary

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



42.9937, 49.3611, 57.7137



40.6503, 38.6384, 38.1185

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.



49.7931, 49.3611, 45.1176



42.9937, 49.3611, 57.7137



51.2139, 49.3611, 56.2087

Square

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



42.9937, 49.3611, 57.7137



48.2820, 49.3611, 66.1572



51.0704, 49.3611, 49.9642



45.5765, 49.3611, 42.9928

Rectangle

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



42.9937, 49.3611, 57.7137



45.3746, 49.3611, 65.9106



51.0704, 49.3611, 49.9642



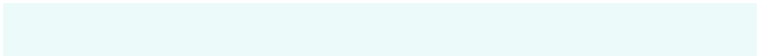
48.4924, 49.3611, 43.1783

Sweetspot

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



42.9951, 49.3631, 57.7148



86.4545, 93.2792, 103.8076



39.7402, 48.0742, 39.9866



18.4229, 19.9473, 22.2643



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



42.9951, 49.3631, 57.7148



74.5299, 87.1319, 103.2470



39.5619, 42.4962, 56.5718



10.3685, 11.4285, 12.9441



19.0849, 27.9280, 37.9357



0.8246, 1.2067, 1.6391

Inverse Universe

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



40.6503, 38.6384, 38.1185



69.5773, 64.4802, 61.8578



43.6666, 44.6713, 39.1228



10.0733, 10.0779, 10.4763



14.6276, 7.5408, 0.6849



0.6320, 0.3258, 0.0297

Previews

White Background



This preview shows how the XYZ color 42.9937, 49.3611, 57.7137 looks on a white background.

Color Contrast Check

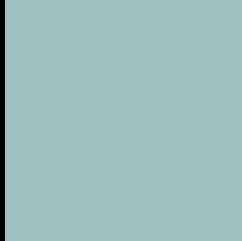
Large Text (above 18pt) WCAG AA × Fail

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 42.9937, 49.3611, 57.7137 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

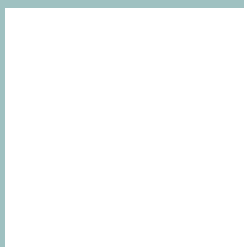
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9937, 49.3611, 57.7137

Background



This preview shows how black text looks on a background with the XYZ color 42.9937, 49.3611, 57.7137.

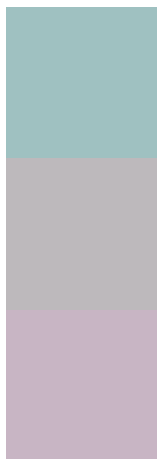


This preview shows how white text looks on a background with the XYZ color 42.9937, 49.3611,

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

42.9937, 49.3611, 57.7137

Protanopia

47.4123, 49.1476, 54.5645

Deuteranopia

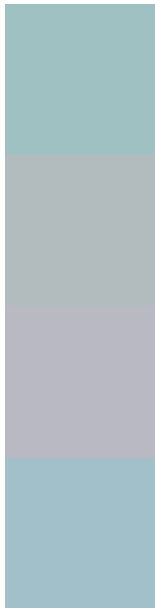
50.3071, 49.3126, 59.0914



Tritanopia

44.6717, 49.3992, 65.5731

Trichromacy



Original Color

42.9937, 49.3611, 57.7137

Protanomaly

45.6376, 49.1491, 55.7966

Deuteranomaly

47.2069, 48.9523, 58.5904

Tritanomaly

44.0902, 49.4934, 62.4877

Monochromacy



Original Color

42.9937, 49.3611, 57.7137

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.1955, 48.1272, 53.9738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9937, 49.3611, 57.7137 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(159, 193, 193)` looks like.

```
.text, #text, p{  
    color:rgb(159, 193, 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(159, 193, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 193, 193) }
```

Border

The CSS property to change the border of an element to XYZ 42.9937, 49.3611, 57.7137 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(159, 193, 193) }
```


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

```
.border{ border-color:rgb(159, 193, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 193, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 193, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 193, 193);  
box-shadow:4px 4px 4px 4px rgb(159, 193,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9937, 49.3611, 57.7137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 193, 193) }
```

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

```
.background{ background-color: rgb(159,  
193, 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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