

Converting Colors

XYZ(43.1343, 49.2676, 63.2276)

Have a look what the booklet for
XYZ(43.1343, 49.2676, 63.2276)
contains.

XYZ(43.0571, 49.2742, 63.1186)	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(43.0571, 49.2742,
63.1186)**

Conversions

Conversions Part 1

Format	Color
Hex	9AC1CA
RGB	154, 193, 202
RGB Percent	60%, 76%, 79%
CMY	0.3961, 0.2431, 0.2078
CMYK	0.24, 0.04, 0.00, 0.21
HSL	191°, 31%, 70%
HSV	191°, 24%, 79%
XYZ	43.0571, 49.2742, 63.1186
YIQ	182.3650, -26.1330, -5.4690

Conversions

Conversions Part 2

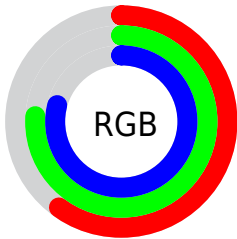
Format	Color
RYB	154, 176, 202
Decimal	10142154
CIELab	75.62, -10.91, -8.79
CIELCh	76, 14.016, 218.858
Yxy	49.2742, 0.2770, 0.3170
Android (android.graphics.Color)	4288332234 (0xFF9AC1CA)
YUV	182.3650, 9.6801, -24.8761
Hunter-Lab	70.1956, -13.3526, -4.1756

Details

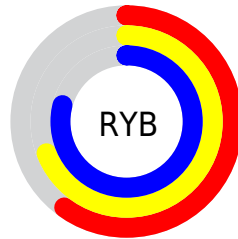
The XYZ color **43.0571, 49.2742, 63.1186** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.2877, 41.0844, 36.2216**, and the grayscale version is **44.6226, 46.9465, 51.1247**.

A 20% lighter version of the original color is **78.2202, 88.5267, 107.5725**, and **20.0574, 23.4281, 31.4819** is the 20% darker color. If you saturate the color by 10%, you get **38.7052, 45.8051, 62.6792**, and if you desaturate by 10%, it is **48.0803, 53.1237, 63.5977**.

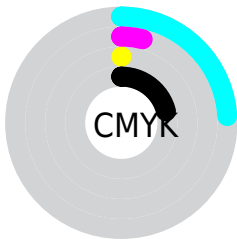
Distribution



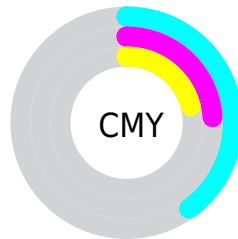
- Red (60%)
- Green (76%)
- Blue (79%)



- Red (60%)
- Yellow (69%)
- Blue (79%)



- Cyan (24%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (40%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0571, 49.2742, 63.1186 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 43.0571, 49.2742, 63.1186 by changing the saturation by 10% instead.

■ 43.0571, 49.2742,
63.1186

■ 43.0571, 49.2742,
63.1186

349.7641,
383.8208, 454.1196

■ 30.1246, 34.8370,
45.4955

■ 79.0522, 89.0986,
110.9278

■ 20.0818, 23.5374,
31.5021

■ 102.8455,
115.2546, 141.9511

■ 12.5631, 14.9908,
20.7199

130.9899,
146.0856, 178.2781

■ 7.2033, 8.8129,
12.7301

163.8506,
181.9762, 220.3276

■ 3.6370, 4.6194,
7.1144

201.7930,
223.3105, 268.5179

■ 1.4989, 2.0257,
3.4542

245.1825,

■ 0.3251, 0.6223,

270.4732, 323.2676

1.3310

294.3844,
323.8485, 384.9953

■ 0.0000, 0.0000,
0.0870

■ 0.0000, 0.0000,
0.0000

■ 43.0571, 49.2742,
63.1186

■ 43.0571, 49.2742,
63.1186

■ 38.7052, 45.8051,
62.6792

■ 48.0803, 53.1237,
63.5977

■ 34.9878, 42.6935,
62.2745

■ 53.8007, 57.3634,
64.1145

■ 31.8710, 39.9228,
61.9040

■ 60.2481, 62.0101,
64.6716

■ 29.3158, 37.4727,
61.5657

■ 67.4493, 67.0780,
65.2703

■ 27.2788, 35.3207,
61.2577

■ 75.4285, 72.5797,
65.9117

■ 25.7097, 33.4405,
60.9775

■ 76.3859, 74.4944,
66.2308

■ 24.5478, 31.8006,
60.7222

■ 77.3656, 76.4539,
66.5574

■ 23.9605, 30.8637,
60.5723

■ 78.3678, 78.4583,
66.8914

■ 79.3927, 80.5080,
67.2330

Harmonies

Analogous

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



42.0776, 49.2742, 55.8804



43.0571, 49.2742, 63.1186



45.0581, 49.2742, 68.1030

Triad

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



43.0571, 49.2742, 63.1186



51.6400, 49.2742, 58.9685



46.0700, 49.2742, 40.7419

Complementary

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



43.0571, 49.2742, 63.1186



43.2877, 41.0844, 36.2216

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.



48.6552, 49.2742, 41.4038



43.0571, 49.2742, 63.1186



51.9353, 49.2742, 51.4822

Square

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



43.0571, 49.2742, 63.1186



50.0322, 49.2742, 65.5575



50.8248, 49.2742, 45.1813



43.7744, 49.2742, 43.2816

Rectangle

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



43.0571, 49.2742, 63.1186



46.7343, 49.2742, 69.2328



50.8248, 49.2742, 45.1813



46.9331, 49.2742, 40.6027

Sweetspot

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



43.0586, 49.2762, 63.1197



87.7270, 94.6540, 108.2541



41.0409, 51.7492, 42.3831



18.6482, 20.1646, 23.1592



0.0000, 0.0000, 0.0000



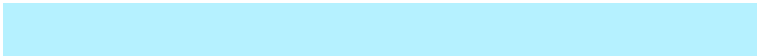
20.3446, 21.4041, 23.3091

Same Dimension

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



43.0586, 49.2762, 63.1197



68.6139, 80.0420, 106.4411



38.2134, 39.5859, 61.5047



11.3576, 12.3556, 14.3566



15.4793, 19.9826, 38.9975



0.8460, 1.1257, 2.0276

Inverse Universe

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



45.5396, 39.5193, 55.6820



73.6718, 60.6872, 91.1579



47.9187, 50.3465, 37.7653



11.5938, 11.3663, 13.6618



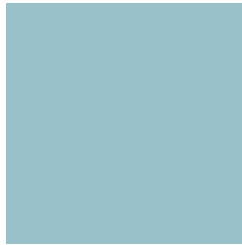
20.0242, 9.8202, 23.6436



1.0570, 0.5162, 1.3458

Previews

White Background



This preview shows how the XYZ color 43.0571, 49.2742, 63.1186 looks on a white background.

Color Contrast Check

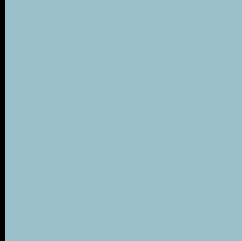
Large Text (above 18pt) WCAG AA × Fail

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 43.0571, 49.2742, 63.1186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

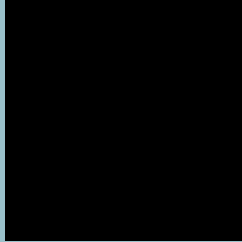
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0571, 49.2742, 63.1186

Background



This preview shows how black text looks on a background with the XYZ color 43.0571, 49.2742, 63.1186.



This preview shows how white text looks on a background with the XYZ color 43.0571, 49.2742,

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

43.0571, 49.2742, 63.1186

Protanopia

47.6767, 49.1682, 59.8009

Deuteranopia

50.0490, 49.0576, 64.5888



Tritanopia

43.6297, 49.1728, 66.2233

Trichromacy



Original Color

43.0571, 49.2742, 63.1186

Protanomaly

45.7476, 49.0886, 61.0967

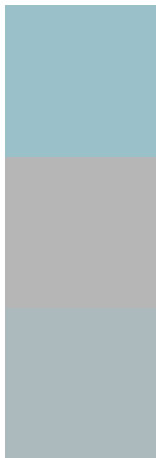
Deuteranomaly

47.0704, 48.7609, 64.0576

Tritanomaly

43.3867, 49.0756, 64.9434

Monochromacy



Original Color

43.0571, 49.2742, 63.1186

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.7575, 47.5626, 55.0183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0571, 49.2742, 63.1186 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(154, 193, 202)` looks like.

```
.text, #text, p{  
    color:rgb(154, 193, 202)  
}
```

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(154, 193, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 193, 202) }
```

Border

The CSS property to change the border of an element to XYZ 43.0571, 49.2742, 63.1186 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(154, 193, 202) }
```


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

```
.border{ border-color:rgb(154, 193, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 193, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 193, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 193, 202);  
box-shadow:4px 4px 4px 4px rgb(154, 193,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0571, 49.2742, 63.1186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 193, 202) }
```

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

```
.background{ background-color: rgb(154,  
193, 202) }
```

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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