

Converting Colors

XYZ(43.8708, 50.9701, 65.9194)

Have a look what the booklet for
XYZ(43.8708, 50.9701, 65.9194)
contains.

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Color

**XYZ(43.8693, 50.9680,
65.9182)**

Conversions

Conversions Part 1

Format	Color
Hex	97C5CE
RGB	151, 197, 206
RGB Percent	59%, 77%, 81%
CMY	0.4078, 0.2274, 0.1922
CMYK	0.27, 0.04, 0.00, 0.19
HSL	190°, 36%, 70%
HSV	190°, 27%, 81%
XYZ	43.8693, 50.9680, 65.9182
YIQ	184.2720, -30.3050, -6.9530

Conversions

Conversions Part 2

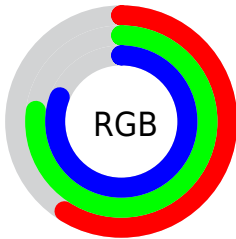
Format	Color
RYB	151, 176, 206
Decimal	9946574
CIELab	76.66, -12.99, -9.43
CIELCh	77, 16.053, 215.990
Yxy	50.9680, 0.2729, 0.3171
Android (android.graphics.Color)	4288136654 (0xFF97C5CE)
YUV	184.2720, 10.7119, -29.1795
Hunter-Lab	71.3919, -15.2501, -4.7699

Details

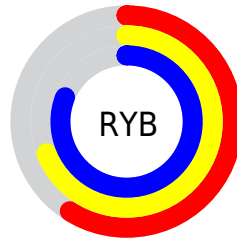
The XYZ color **43.8693, 50.9680, 65.9182** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.6109, 40.4981, 34.7976**, and the grayscale version is **45.6661, 48.0443, 52.3202**.

A 20% lighter version of the original color is **78.9454, 91.2254, 108.0551**, and **20.5270, 24.5086, 33.3545** is the 20% darker color. If you saturate the color by 10%, you get **39.6189, 47.6547, 65.5035**, and if you desaturate by 10%, it is **48.8079, 54.6640, 66.3722**.

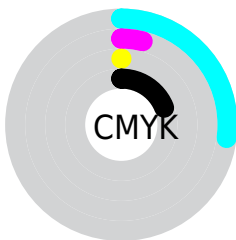
Distribution



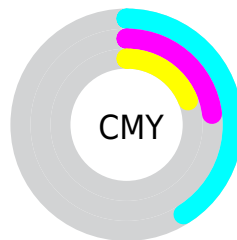
- Red (59%)
- Green (77%)
- Blue (81%)



- Red (59%)
- Yellow (69%)
- Blue (81%)



- Cyan (27%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (41%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8693, 50.9680, 65.9182 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 43.8693, 50.9680, 65.9182 by changing the saturation by 10% instead.

■ 43.8693, 50.9680,
65.9182

■ 43.8693, 50.9680,
65.9182

353.0359,
390.4394, 464.4805

■ 30.7652, 36.1831,
47.7499

■ 80.2686, 91.6075,
114.9948

■ 20.5711, 24.5757,
33.2703

■ 104.2946,
118.2309, 146.7402

■ 12.9215, 15.7612,
22.0608

132.6918,
149.5692, 183.8485

■ 7.4512, 9.3553,
13.7028

165.8258,
186.0070, 226.7380

■ 3.7946, 4.9737,
7.7779

204.0619,
227.9285, 275.8275

■ 1.5866, 2.2318,
3.8674

247.7653,

■ 0.3837, 0.7373,

275.7181, 331.5353

1.5529

297.3015,
329.7603, 394.2802

■ 0.0000, 0.0000,
0.2569

■ 0.0000, 0.0000,
0.0000

■ 43.8693, 50.9680,
65.9182

■ 43.8693, 50.9680,
65.9182

■ 39.6189, 47.6547,
65.5035

■ 48.8079, 54.6640,
66.3722

■ 36.0172, 44.6998,
65.1230

■ 54.4624, 58.7534,
66.8635

■ 33.0277, 42.0856,
64.7760

■ 60.8647, 63.2539,
67.3947

■ 30.6085, 39.7902,
64.4604

■ 68.0431, 68.1805,
67.9673

■ 28.7120, 37.7891,
64.1741

■ 76.0247, 73.5472,
68.5825

■ 27.2828, 36.0535,
63.9145

■ 77.2515, 75.4578,
68.8866

■ 26.2488, 34.5459,
63.6780

■ 78.1303, 77.2154,
69.1795

■ 25.9505, 34.0758,
63.6029

■ 79.0269, 79.0086,
69.4784

■ 79.9415, 80.8378,
69.7833

Harmonies

Analogous

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



42.8633, 50.9680, 57.2597



43.8693, 50.9680, 65.9182



46.1054, 50.9680, 72.2227

Triad

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



43.8693, 50.9680, 65.9182



53.9778, 50.9680, 62.5845



47.8365, 50.9680, 40.4651

Complementary

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



43.8693, 50.9680, 65.9182



43.6109, 40.4981, 34.7976

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.



50.8594, 50.9680, 41.5737



43.8693, 50.9680, 65.9182



54.4883, 50.9680, 53.7679

Square

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



43.8693, 50.9680, 65.9182



51.9579, 50.9680, 70.1615



53.3252, 50.9680, 46.2338



45.0914, 50.9680, 43.0304

Rectangle

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



43.8693, 50.9680, 65.9182



48.0362, 50.9680, 73.9122



53.3252, 50.9680, 46.2338



48.8532, 50.9680, 40.4243

Sweetspot

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



43.8708, 50.9701, 65.9194



86.8836, 94.2232, 108.2154



41.1145, 53.2348, 41.0242



18.2870, 19.9456, 23.1360



0.0000, 0.0000, 0.0000



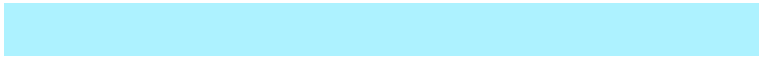
20.3446, 21.4041, 23.3091

Same Dimension

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



43.8708, 50.9701, 65.9194



67.0204, 79.4463, 106.4101



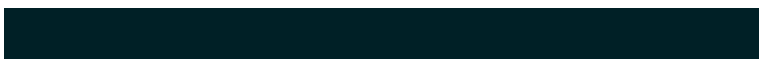
38.3258, 39.8799, 64.0710



11.3810, 12.4024, 14.3644



16.0397, 21.1034, 39.1842



0.8702, 1.1742, 2.0357

Inverse Universe

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



46.5995, 39.2874, 57.9527



72.2349, 57.6906, 91.0576



48.7578, 50.7919, 36.5132



11.6057, 11.3710, 13.7240



20.3070, 9.9334, 25.1331



1.0692, 0.5211, 1.4102

Previews

White Background



This preview shows how the XYZ color 43.8693, 50.9680, 65.9182 looks on a white background.

Color Contrast Check

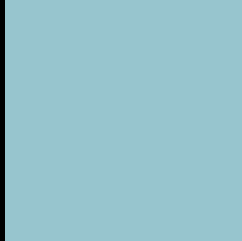
Large Text (above 18pt) WCAG AA × Fail

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 43.8693, 50.9680, 65.9182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

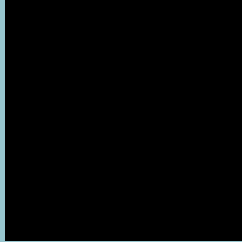
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8693, 50.9680, 65.9182

Background



This preview shows how black text looks on a background with the XYZ color 43.8693, 50.9680, 65.9182.



This preview shows how white text looks on a background with the XYZ color 43.8693, 50.9680,

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

43.8693, 50.9680, 65.9182

Protanopia

49.1819, 50.5296, 61.8046

Deuteranopia

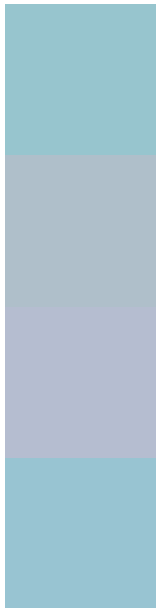
51.9378, 50.8902, 67.4070



Tritanopia

44.5725, 50.9087, 69.7645

Trichromacy



Original Color

43.8693, 50.9680, 65.9182

Protanomaly

46.9707, 50.6398, 63.1760

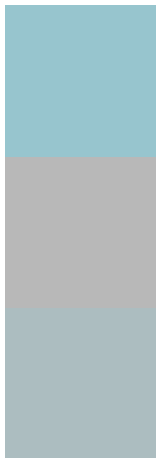
Deuteranomaly

48.6388, 50.7730, 66.9111

Tritanomaly

44.3217, 50.8084, 68.4438

Monochromacy



Original Color

43.8693, 50.9680, 65.9182

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.7253, 48.9716, 56.9644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8693, 50.9680, 65.9182 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(151, 197, 206)` looks like.

```
.text, #text, p{  
    color:rgb(151, 197, 206)  
}
```

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(151, 197, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 197, 206) }
```

Border

The CSS property to change the border of an element to XYZ 43.8693, 50.9680, 65.9182 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(151, 197, 206) }
```


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

```
.border{ border-color:rgb(151, 197, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 197, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 197, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 197, 206);  
box-shadow:4px 4px 4px 4px rgb(151, 197,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8693, 50.9680, 65.9182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 197, 206) }
```

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

```
.background{ background-color: rgb(151,  
197, 206) }
```

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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