

Converting Colors

XYZ(42.5449, 51.8266, 58.2133)

Have a look what the booklet for
XYZ(42.5449, 51.8266, 58.2133)
contains.

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Color

**XYZ(42.5449, 51.8266,
58.2133)**

Conversions

Conversions Part 1

Format	Color
Hex	93C9C1
RGB	147, 201, 193
RGB Percent	58%, 79%, 76%
CMY	0.4235, 0.2117, 0.2431
CMYK	0.27, 0.00, 0.04, 0.21
HSL	171°, 33%, 68%
HSV	171°, 27%, 79%
XYZ	42.5449, 51.8266, 58.2133
YIQ	183.9420, -29.6160, -13.9360

Conversions

Conversions Part 2

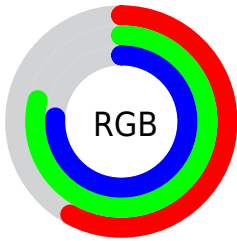
Format	Color
RYB	147, 176, 201
Decimal	9685441
CIELab	77.18, -19.15, -1.67
CIELCh	77, 19.220, 184.998
Yxy	51.8266, 0.2788, 0.3397
Android (android.graphics.Color)	4287875521 (0xFF93C9C1)
YUV	183.9420, 4.4656, -32.3981
Hunter-Lab	71.9907, -20.4942, 2.4503

Details

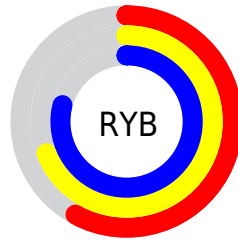
The XYZ color **42.5449, 51.8266, 58.2133** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.4393, 35.6529, 35.7627**, and the grayscale version is **45.5170, 47.8874, 52.1494**.

A 20% lighter version of the original color is **77.2160, 90.9161, 103.1014**, and **19.7834, 25.1406, 28.6209** is the 20% darker color. If you saturate the color by 10%, you get **38.9221, 49.9983, 56.3275**, and if you desaturate by 10%, it is **46.8071, 53.9864, 60.1661**.

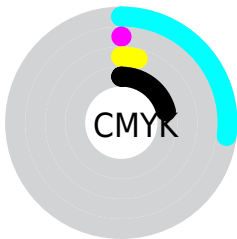
Distribution



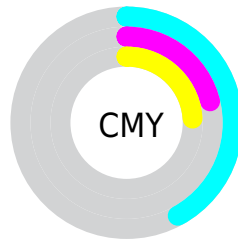
- Red (58%)
- Green (79%)
- Blue (76%)



- Red (58%)
- Yellow (69%)
- Blue (79%)



- Cyan (27%)
- Magenta (0%)
- Yellow (4%)
- Black (21%)





- Cyan (42%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5449, 51.8266, 58.2133 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 42.5449, 51.8266, 58.2133 by changing the saturation by 10% instead.

 42.5449, 51.8266,
58.2133


 42.5449, 51.8266,
58.2133


347.6901,
393.7668, 435.6007

 29.7212, 36.8669,
41.5643

 78.2836, 92.8755,
103.7513

 19.7741, 25.1044,
28.4373

 101.9294,
119.7334, 133.4773

 12.3382, 16.1549,
18.4136

129.9132,
151.3262, 168.3995

 7.0483, 9.6338,
11.0749

162.6003,
188.0382, 208.9363

 3.5389, 5.1569,
6.0024

200.3563,
230.2539, 255.5062

 1.4447, 2.3396,
2.7777

243.5463,

 0.2878, 0.7945,

278.3576, 308.5279

0.9823

292.5358,
332.7338, 368.4199

■ 0.0000, 0.0000,
0.0000

■ 42.5449, 51.8266,
58.2133

■ 42.5449, 51.8266,
58.2133

■ 38.9221, 49.9983,
56.3275

■ 46.8071, 53.9864,
60.1661

■ 35.9015, 48.4784,
54.5036

■ 51.7348, 56.4872,
62.1842

■ 33.4488, 47.2505,
52.7408

■ 57.3578, 59.3456,
64.2701

■ 31.5244, 46.2941,
51.0370

■ 63.7030, 62.5755,
66.4253

■ 30.0837, 45.5864,
49.3900

■ 70.7956, 66.1900,
68.6513

■ 29.0745, 45.1003,
47.7971

■ 73.8696, 67.7319,
70.7251

■ 28.4273, 44.8002,
46.2548

■ 74.2463, 67.8826,
72.7088

■ 28.2590, 44.7237,
45.7800

■ 74.6299, 68.0361,
74.7291

■ 75.0206, 68.1924,
76.7863

Harmonies

Analogous

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



43.1242, 51.8266, 48.2955



42.5449, 51.8266, 58.2133



43.6904, 51.8266, 68.8624

Triad

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



42.5449, 51.8266, 58.2133



53.4282, 51.8266, 74.7012



52.3096, 51.8266, 39.9926

Complementary

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



42.5449, 51.8266, 58.2133



40.4393, 35.6529, 35.7627

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.



55.2830, 51.8266, 45.5926



42.5449, 51.8266, 58.2133



55.9511, 51.8266, 65.4310

Square

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



42.5449, 51.8266, 58.2133



49.8783, 51.8266, 79.1079



56.6461, 51.8266, 54.6842



48.6461, 51.8266, 38.5625

Rectangle

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



42.5449, 51.8266, 58.2133



45.3133, 51.8266, 74.7002



56.6461, 51.8266, 54.6842



53.4287, 51.8266, 41.4124

Sweetspot

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



42.5464, 51.8287, 58.2145



87.4561, 96.1410, 106.0239



39.6914, 50.8605, 35.3297



18.4323, 20.4325, 22.5795



0.0000, 0.0000, 0.0000



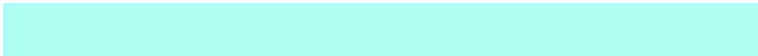
20.3446, 21.4041, 23.3091

Same Dimension

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



42.5464, 51.8287, 58.2145



69.2459, 86.9154, 97.8478



39.3252, 43.9187, 61.6653



10.8765, 12.0395, 13.3000



17.7941, 28.1300, 28.9239



0.8614, 1.3395, 1.4691

Inverse Universe

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



40.4393, 35.6529, 35.7627



65.0694, 54.8244, 53.3245



42.9736, 41.7618, 33.4005



10.6969, 10.6621, 11.3869



15.3120, 7.8744, 1.5871



0.7461, 0.3813, 0.1862

Previews

White Background



This preview shows how the XYZ color 42.5449, 51.8266, 58.2133 looks on a white background.

Color Contrast Check

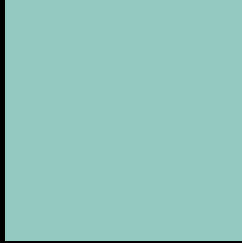
Large Text (above 18pt) WCAG AA × Fail

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 42.5449, 51.8266, 58.2133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

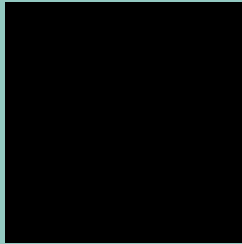
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5449, 51.8266, 58.2133

Background



This preview shows how black text looks on a background with the XYZ color 42.5449, 51.8266, 58.2133.



This preview shows how white text looks on a background with the XYZ color 42.5449, 51.8266,

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

42.5449, 51.8266, 58.2133

Protanopia

49.3087, 51.4097, 53.7786

Deuteranopia

52.2811, 51.2456, 59.3604



Tritanopia

45.0942, 51.8225, 71.2444

Trichromacy



Original Color

42.5449, 51.8266, 58.2133

Protanomaly

46.3867, 51.1612, 55.5744

Deuteranomaly

48.0309, 50.9574, 58.9340

Tritanomaly

44.1417, 51.7871, 66.0619

Monochromacy



Original Color

42.5449, 51.8266, 58.2133

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.1777, 49.0727, 54.1573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5449, 51.8266, 58.2133 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(147, 201, 193)` looks like.

```
.text, #text, p{  
    color:rgb(147, 201, 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(147, 201, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 201, 193) }
```

Border

The CSS property to change the border of an element to XYZ 42.5449, 51.8266, 58.2133 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(147, 201, 193) }
```


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

```
.border{ border-color:rgb(147, 201, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 201, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 201, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 201, 193);  
box-shadow:4px 4px 4px 4px rgb(147, 201,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5449, 51.8266, 58.2133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 201, 193) }
```

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

```
.background{ background-color: rgb(147,  
201, 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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