

Converting Colors

XYZ(42.5519, 51.8952, 49.5443)

Have a look what the booklet for
XYZ(42.5519, 51.8952, 49.5443)
contains.

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Color

**XYZ(42.5328, 52.0155,
49.3933)**

Conversions

Conversions Part 1

Format	Color
Hex	9CC9B1
RGB	156, 201, 177
RGB Percent	61%, 79%, 69%
CMY	0.3882, 0.2117, 0.3059
CMYK	0.22, 0.00, 0.12, 0.21
HSL	148°, 29%, 70%
HSV	148°, 22%, 79%
XYZ	42.5328, 52.0155, 49.3933
YIQ	184.8090, -19.1160, -17.0040

Conversions

Conversions Part 2

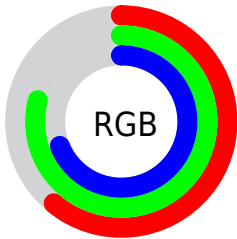
Format	Color
RYB	156, 187, 201
Decimal	10275249
CIELab	77.29, -19.67, 7.17
CIELCh	77, 20.937, 159.970
Yxy	52.0155, 0.2955, 0.3614
Android (android.graphics.Color)	4288465329 (0xFF9CC9B1)
YUV	184.8090, -3.8498, -25.2655
Hunter-Lab	72.1218, -20.9452, 9.8799

Details

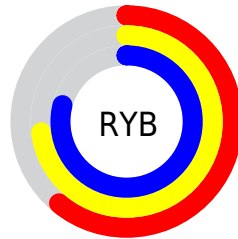
The XYZ color **42.5328, 52.0155, 49.3933** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.2159, 39.4911, 48.4744**, and the grayscale version is **46.0374, 48.4350, 52.7457**.

A 20% lighter version of the original color is **77.3319, 91.2521, 90.6284**, and **19.7807, 25.2657, 22.9030** is the 20% darker color. If you saturate the color by 10%, you get **37.9337, 49.7647, 43.8179**, and if you desaturate by 10%, it is **47.8624, 54.6361, 55.4434**.

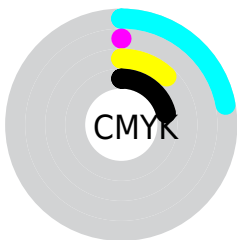
Distribution



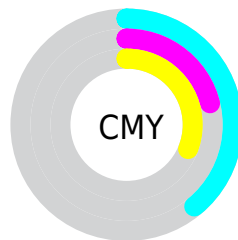
- Red (61%)
- Green (79%)
- Blue (69%)



- Red (61%)
- Yellow (73%)
- Blue (79%)



- Cyan (22%)
- Magenta (0%)
- Yellow (12%)
- Black (21%)



- Cyan (39%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5328, 52.0155, 49.3933 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 42.5328, 52.0155, 49.3933 by changing the saturation by 10% instead.

 42.5328, 52.0155,
49.3933


 42.5328, 52.0155,
49.3933


347.6410,
394.4964, 400.9555

 29.7116, 37.0174,
34.5638


 78.2655, 93.1541,
90.6623

 19.7668, 25.2210,
23.0462

 101.9077,
120.0634, 117.9389

 12.3329, 16.2418,
14.4220

129.8877,
151.7119, 150.2016

 7.0446, 9.6954,
8.2727

162.5707,
188.4841, 187.8690

 3.5366, 5.1975,
4.1796

200.3223,
230.7642, 231.3595

 1.4435, 2.3636,
1.7244

243.5076,

 0.2869, 0.8071,

278.9367, 281.0917

0.3774

292.4920,
333.3860, 337.4842

■ 0.0000, 0.0000,
0.0000

■ 42.5328, 52.0155,
49.3933

■ 42.5328, 52.0155,
49.3933

■ 37.9337, 49.7647,
43.8179

■ 47.8624, 54.6361,
55.4434

■ 34.0272, 47.8600,
38.7020

■ 53.9496, 57.6358,
61.9759

■ 30.7785, 46.2851,
34.0349

■ 60.8251, 61.0319,
69.0026

■ 28.1478, 45.0199,
29.8038

■ 68.5168, 64.8384,
76.5340

■ 26.0908, 44.0416,
25.9955

■ 76.4957, 68.7824,
84.5541

■ 24.5568, 43.3245,
22.5958

■ 78.0536, 69.4056,
92.7576

■ 23.4856, 42.8377,
19.5897

■ 79.7057, 70.0664,
101.4578

■ 22.8988, 42.5797,
17.5536

■ 80.1776, 70.2552,
103.9425

Harmonies

Analogous

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



44.6424, 52.0155, 41.3206



42.5328, 52.0155, 49.3933



42.2165, 52.0155, 60.5521

Triad

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



42.5328, 52.0155, 49.3933



50.7883, 52.0155, 81.3312



55.5970, 52.0155, 43.5833

Complementary

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



42.5328, 52.0155, 49.3933



44.2159, 39.4911, 48.4744

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.



57.4419, 52.0155, 52.8926



42.5328, 52.0155, 49.3933



54.5678, 52.0155, 75.3334

Square

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



42.5328, 52.0155, 49.3933



46.8409, 52.0155, 80.0601



57.0554, 52.0155, 64.5543



52.1318, 52.0155, 38.2944

Rectangle

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



42.5328, 52.0155, 49.3933



43.0463, 52.0155, 68.4185



57.0554, 52.0155, 64.5543



56.4355, 52.0155, 46.2905

Sweetspot

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



42.5342, 52.0177, 49.3945



87.2899, 96.1723, 100.7329



45.8867, 53.9695, 39.4520



18.5472, 20.5176, 21.4145



0.0000, 0.0000, 0.0000



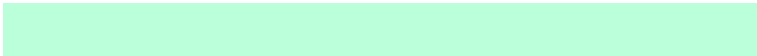
20.3446, 21.4041, 23.3091

Same Dimension

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



42.5342, 52.0177, 49.3945



68.7375, 87.0544, 79.7010



44.8785, 52.9554, 61.7392



10.7000, 11.9689, 12.3703



14.4427, 26.7894, 11.2755



0.7204, 1.2831, 0.7261

Inverse Universe

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



44.2159, 39.4911, 48.4744



72.1325, 61.7619, 77.8410



42.1705, 38.6730, 37.7036



10.8663, 10.7299, 12.2794



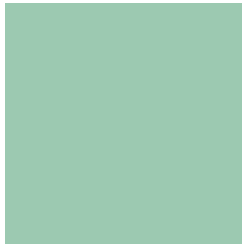
16.8674, 8.4965, 9.7774



0.8350, 0.4168, 0.6544

Previews

White Background



This preview shows how the XYZ color 42.5328, 52.0155, 49.3933 looks on a white background.

Color Contrast Check

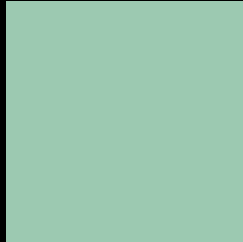
Large Text (above 18pt) WCAG AA × Fail

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 42.5328, 52.0155, 49.3933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

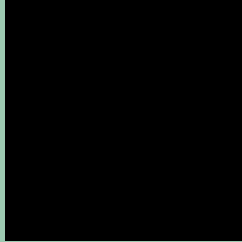
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5328, 52.0155, 49.3933

Background



This preview shows how black text looks on a background with the XYZ color 42.5328, 52.0155, 49.3933.



This preview shows how white text looks on a background with the XYZ color 42.5328, 52.0155,

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

42.5328, 52.0155, 49.3933

Protanopia

49.0528, 51.7730, 45.9359

Deuteranopia

52.6324, 51.6142, 50.9046



Tritanopia

46.7279, 52.0199, 69.8654

Trichromacy



Original Color

42.5328, 52.0155, 49.3933

Protanomaly

46.3631, 51.6680, 47.0645

Deuteranomaly

48.3899, 51.3287, 50.5370

Tritanomaly

45.0001, 51.9853, 61.6952

Monochromacy



Original Color

42.5328, 52.0155, 49.3933

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.5299, 49.6377, 51.4900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5328, 52.0155, 49.3933 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(156, 201, 177)` looks like.

```
.text, #text, p{  
    color:rgb(156, 201, 177)  
}
```

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(156, 201, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 201, 177) }
```

Border

The CSS property to change the border of an element to XYZ 42.5328, 52.0155, 49.3933 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(156, 201, 177) }
```


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

```
.border{ border-color:rgb(156, 201, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 201, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 201, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 201, 177); box-shadow:4px 4px 4px 4px rgb(156, 201, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5328, 52.0155, 49.3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 201, 177) }
```

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

```
.background{ background-color: rgb(156,  
201, 177) }
```

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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