

Converting Colors

XYZ(43.0273, 52.7758, 49.4206)

Have a look what the booklet for
XYZ(43.0273, 52.7758, 49.4206)
contains.

XYZ(42.9610, 52.5835, 49.4803)	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(42.9610, 52.5835,
49.4803)**

Conversions

Conversions Part 1

Format	Color
Hex	9DCAB1
RGB	157, 202, 177
RGB Percent	62%, 79%, 69%
CMY	0.3843, 0.2078, 0.3059
CMYK	0.22, 0.00, 0.12, 0.21
HSL	147°, 30%, 70%
HSV	147°, 22%, 79%
XYZ	42.9610, 52.5835, 49.4803
YIQ	185.6950, -18.7950, -17.3150

Conversions

Conversions Part 2

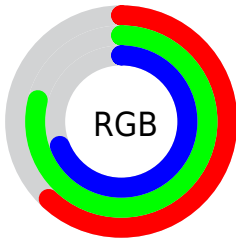
Format	Color
RYB	157, 188, 202
Decimal	10341041
CIELab	77.63, -19.85, 7.66
CIELCh	78, 21.278, 158.887
Yxy	52.5835, 0.2962, 0.3626
Android (android.graphics.Color)	4288531121 (0xFF9DCAB1)
YUV	185.6950, -4.2866, -25.1655
Hunter-Lab	72.5145, -21.1485, 10.3036

Details

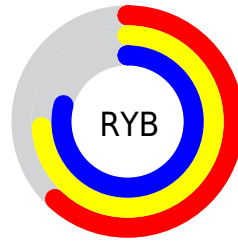
The XYZ color **42.9610, 52.5835, 49.4803** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.8595, 40.0493, 49.6243**, and the grayscale version is **46.5334, 48.9568, 53.3139**.

A 20% lighter version of the original color is **77.6194, 91.4002, 90.6418**, and **20.0537, 25.6383, 22.9605** is the 20% darker color. If you saturate the color by 10%, you get **38.2681, 50.2897, 43.6599**, and if you desaturate by 10%, it is **48.4004, 55.2544, 55.8182**.

Distribution



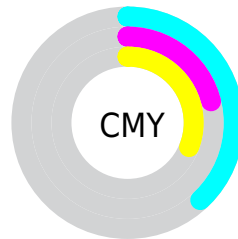
- Red (62%)
- Green (79%)
- Blue (69%)



- Red (62%)
- Yellow (74%)
- Blue (79%)



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





- Cyan (38%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9610, 52.5835, 49.4803 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 42.9610, 52.5835, 49.4803 by changing the saturation by 10% instead.


 42.9610, 52.5835,
49.4803


 42.9610, 52.5835,
49.4803


349.3756,
396.6851, 401.3068

 30.0489, 37.4704,
34.6323


 78.9081, 93.9912,
90.7927

 20.0240, 25.5719,
23.0985


 102.6738,
121.0546, 118.0943

 12.5208, 16.5036,
14.4603


130.7881,
152.8702, 150.3842

 7.1741, 9.8812,
8.2991

163.6163,
189.8224, 188.0809

 3.6185, 5.3203,
4.1964

201.5238,
232.2956, 231.6030

 1.4887, 2.4364,
1.7337

244.8759,

 0.3181, 0.8445,

280.6742, 281.3689

0.3837

294.0381,
335.3426, 337.7974

■ 0.0000, 0.0000,
0.0000

■ 42.9610, 52.5835,
49.4803

■ 42.9610, 52.5835,
49.4803

■ 38.2681, 50.2897,
43.6599

■ 48.4004, 55.2544,
55.8182

■ 34.2832, 48.3490,
38.3403

■ 54.6139, 58.3121,
62.6826

■ 30.9708, 46.7449,
33.5092

■ 61.6330, 61.7740,
70.0869

■ 28.2903, 45.4567,
29.1520

■ 69.4860, 65.6544,
78.0428

■ 26.1966, 44.4615,
25.2539

■ 77.0862, 69.3929,
86.5095

■ 24.6383, 43.7330,
21.7987

■ 78.7423, 70.0554,
95.2305

■ 23.5539, 43.2399,
18.7693

■ 80.4115, 70.7230,
104.0205

■ 22.9574, 42.9774,
16.7080

Harmonies

Analogous

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



45.1785, 52.5835, 41.3777



42.9610, 52.5835, 49.4803



42.5683, 52.5835, 60.8240

Triad

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



42.9610, 52.5835, 49.4803



51.2103, 52.5835, 82.6630



56.3885, 52.5835, 44.1846

Complementary

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



42.9610, 52.5835, 49.4803



44.8595, 40.0493, 49.6243

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.



58.2036, 52.5835, 53.8274



42.9610, 52.5835, 49.4803



55.1081, 52.5835, 76.7476

Square

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



42.9610, 52.5835, 49.4803



47.1852, 52.5835, 81.0791



57.7226, 52.5835, 65.8031



52.8810, 52.5835, 38.6242

Rectangle

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



42.9610, 52.5835, 49.4803



43.3718, 52.5835, 68.9032



57.7226, 52.5835, 65.8031



57.2253, 52.5835, 46.9987

Sweetspot

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



42.9625, 52.5857, 49.4815



87.2292, 96.1480, 100.4135



46.6179, 54.6839, 39.9971



18.5331, 20.5120, 21.3406



0.0000, 0.0000, 0.0000



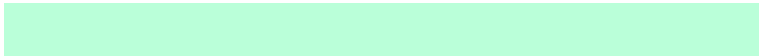
20.3446, 21.4041, 23.3091

Same Dimension

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



42.9625, 52.5857, 49.4815



68.5378, 86.9746, 78.6494



45.3358, 53.5350, 61.9791



11.2717, 12.6184, 12.9884



14.8155, 27.6715, 10.9793



0.8023, 1.4427, 0.7665

Inverse Universe

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



44.8595, 40.0493, 49.6243



72.3397, 61.8447, 78.9317



42.7609, 39.2098, 38.5731



11.4688, 11.3163, 13.0035



17.6091, 8.8542, 10.9264



0.9463, 0.4719, 0.7629

Previews

White Background



This preview shows how the XYZ color 42.9610, 52.5835, 49.4803 looks on a white background.

Color Contrast Check

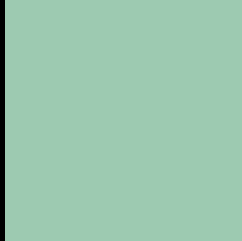
Large Text (above 18pt) WCAG AA × Fail

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 42.9610, 52.5835, 49.4803 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

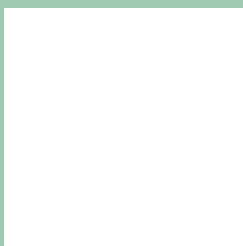
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9610, 52.5835, 49.4803

Background



This preview shows how black text looks on a background with the XYZ color 42.9610, 52.5835, 49.4803.



This preview shows how white text looks on a background with the XYZ color 42.9610, 52.5835,

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

42.9610, 52.5835, 49.4803

Protanopia

49.5347, 52.3440, 46.0207

Deuteranopia

53.4210, 52.3303, 51.0012



Tritanopia

47.2863, 52.6291, 70.6170

Trichromacy



Original Color

42.9610, 52.5835, 49.4803

Protanomaly

46.8251, 52.2377, 47.1501

Deuteranomaly

48.8613, 51.8943, 50.6214

Tritanomaly

45.5467, 52.5940, 62.3947

Monochromacy



Original Color

42.9610, 52.5835, 49.4803

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.0761, 50.2321, 52.1198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9610, 52.5835, 49.4803 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(157, 202, 177)` looks like.

```
.text, #text, p{  
    color:rgb(157, 202, 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(157, 202, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 202, 177) }
```

Border

The CSS property to change the border of an element to XYZ 42.9610, 52.5835, 49.4803 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(157, 202, 177) }
```


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

```
.border{ border-color:rgb(157, 202, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 202, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 202, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 202, 177); box-shadow:4px 4px 4px 4px rgb(157, 202, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9610, 52.5835, 49.4803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 202, 177) }
```

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

```
.background{ background-color: rgb(157,  
202, 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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