

Converting Colors

XYZ(42.5129, 52.2939, 52.1090)

Have a look what the booklet for
XYZ(42.5129, 52.2939, 52.1090)
contains.

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Color

**XYZ(42.5129, 52.2939,
52.1090)**

Conversions

Conversions Part 1

Format	Color
Hex	98CAB6
RGB	152, 202, 182
RGB Percent	60%, 79%, 71%
CMY	0.4039, 0.2078, 0.2863
CMYK	0.25, 0.00, 0.10, 0.21
HSL	156°, 32%, 69%
HSV	156°, 25%, 79%
XYZ	42.5129, 52.2939, 52.1090
YIQ	184.7700, -23.3800, -16.8200

Conversions

Conversions Part 2

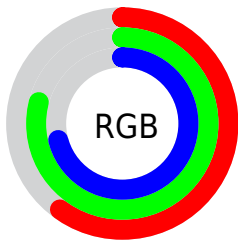
Format	Color
RYB	152, 183, 202
Decimal	10013366
CIELab	77.46, -20.45, 4.69
CIELCh	77, 20.978, 167.077
Yxy	52.2939, 0.2894, 0.3559
Android (android.graphics.Color)	4288203446 (0xFF98CAB6)
YUV	184.7700, -1.3656, -28.7393
Hunter-Lab	72.3145, -21.6123, 7.8965

Details

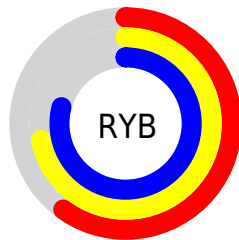
The XYZ color **42.5129, 52.2939, 52.1090** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.0336, 37.9928, 44.0971**, and the grayscale version is **46.0041, 48.3999, 52.7075**.

A 20% lighter version of the original color is **76.9247, 90.9584, 94.3913**, and **19.8079, 25.4741, 24.6419** is the 20% darker color. If you saturate the color by 10%, you get **38.2384, 50.1855, 47.6752**, and if you desaturate by 10%, it is **47.4824, 54.7579, 56.8291**.

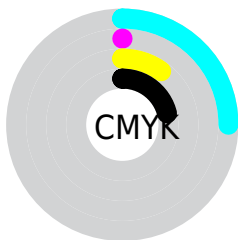
Distribution



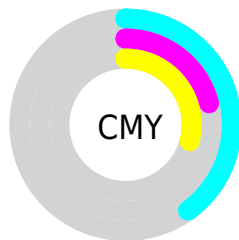
- Red (60%)
- Green (79%)
- Blue (71%)



- Red (60%)
- Yellow (72%)
- Blue (79%)



- Cyan (25%)
- Magenta (0%)
- Yellow (10%)
- Black (21%)





- Cyan (40%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5129, 52.2939, 52.1090 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 42.5129, 52.2939, 52.1090 by changing the saturation by 10% instead.


 42.5129, 52.2939,
52.1090


 42.5129, 52.2939,
52.1090


347.5603,
395.5702, 411.8262

 29.6960, 37.2394,
36.7091


 78.2356, 93.5645,
94.7202

 19.7549, 25.3929,
24.6883


 101.8721,
120.5495, 122.7686

 12.3242, 16.3700,
15.6281

129.8458,
152.2800, 155.8702

 7.0386, 9.7864,
9.1099

162.5221,
189.1405, 194.4437

 3.5328, 5.2575,
4.7151

200.2663,
231.5153, 238.9074

 1.4414, 2.3992,
2.0253

243.4439,

 0.2854, 0.8255,

279.7890, 289.6801

0.5708

292.4201,
334.3458, 347.1802

■ 0.0000, 0.0000,
0.0000

■ 42.5129, 52.2939,
52.1090

■ 42.5129, 52.2939,
52.1090

■ 38.2384, 50.1855,
47.6752

■ 47.4824, 54.7579,
56.8291

■ 34.6212, 48.4090,
43.5185

■ 53.1737, 57.5869,
61.8376

■ 31.6263, 46.9479,
39.6340

■ 59.6173, 60.7980,
67.1411

■ 29.2139, 45.7819,
36.0155

■ 66.8407, 64.4053,
72.7447

■ 27.3390, 44.8878,
32.6562

■ 74.8702, 68.4221,
78.6534

■ 25.9500, 44.2390,
29.5491

■ 76.7129, 69.2436,
84.5438

■ 24.9838, 43.8033,
26.6863

■ 77.8777, 69.7095,
90.6774

■ 24.5847, 43.6283,
25.2775

■ 79.0958, 70.1968,
97.0919

■ 80.3679, 70.7056,
103.7910

Harmonies

Analogous

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



44.2316, 52.2939, 43.0972



42.5129, 52.2939, 52.1090



42.6443, 52.2939, 63.7227

Triad

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



42.5129, 52.2939, 52.1090



52.0191, 52.2939, 80.9531



55.1818, 52.2939, 42.1574

Complementary

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



42.5129, 52.2939, 52.1090



43.0336, 37.9928, 44.0971

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.



57.5023, 52.2939, 50.6550



42.5129, 52.2939, 52.1090



55.6096, 52.2939, 73.4668

Square

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



42.5129, 52.2939, 52.1090



47.9873, 52.2939, 81.4818



57.6630, 52.2939, 62.0590



51.4607, 52.2939, 37.8976

Rectangle

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



42.5129, 52.2939, 52.1090



43.7623, 52.2939, 71.4267



57.6630, 52.2939, 62.0590



56.1601, 52.2939, 44.5564

Sweetspot

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



42.5144, 52.2961, 52.1102



87.6566, 96.3189, 102.6640



43.9865, 53.3757, 37.6906



18.6321, 20.5515, 21.8618



0.0000, 0.0000, 0.0000



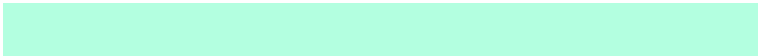
20.3446, 21.4041, 23.3091

Same Dimension

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



42.5144, 52.2961, 52.1102



67.7436, 86.4476, 83.9195



43.7673, 51.2539, 63.4660



11.3459, 12.6481, 13.3787



15.8643, 28.0910, 16.5021



0.8553, 1.4639, 1.0454

Inverse Universe

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



43.0336, 37.9928, 44.0971



68.7814, 57.9087, 67.9405



41.9426, 38.6577, 34.9575



11.3951, 11.2868, 12.6154



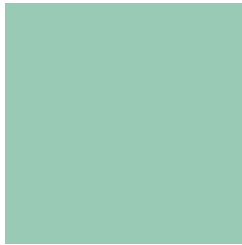
16.6659, 8.4770, 5.9594



0.8970, 0.4522, 0.5033

Previews

White Background



This preview shows how the XYZ color 42.5129, 52.2939, 52.1090 looks on a white background.

Color Contrast Check

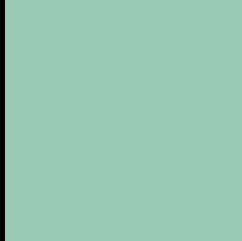
Large Text (above 18pt) WCAG AA × Fail

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 42.5129, 52.2939, 52.1090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

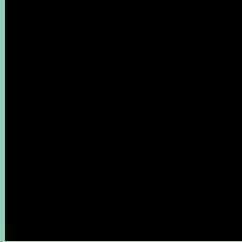
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5129, 52.2939, 52.1090

Background



This preview shows how black text looks on a background with the XYZ color 42.5129, 52.2939, 52.1090.



This preview shows how white text looks on a background with the XYZ color 42.5129, 52.2939,

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

42.5129, 52.2939, 52.1090

Protanopia

49.5386, 51.9673, 48.4940

Deuteranopia

52.8674, 51.6750, 53.6422



Tritanopia

46.0770, 52.0057, 70.5604

Trichromacy



Original Color

42.5129, 52.2939, 52.1090

Protanomaly

46.3837, 51.6217, 49.6388

Deuteranomaly

48.6230, 51.7115, 53.3176

Tritanomaly

44.7944, 52.1790, 63.5878

Monochromacy



Original Color

42.5129, 52.2939, 52.1090

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

44.5161, 49.6065, 52.5762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5129, 52.2939, 52.1090 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(152, 202, 182)` looks like.

```
.text, #text, p{  
    color:rgb(152, 202, 182)  
}
```

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(152, 202, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 202, 182) }
```

Border

The CSS property to change the border of an element to XYZ 42.5129, 52.2939, 52.1090 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(152, 202, 182) }
```


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

```
.border{ border-color:rgb(152, 202, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 202, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 202, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 202, 182);  
box-shadow:4px 4px 4px 4px rgb(152, 202,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5129, 52.2939, 52.1090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 202, 182) }
```

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

```
.background{ background-color: rgb(152,  
202, 182) }
```

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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