

Converting Colors

XYZ(42.4969, 49.2475, 49.8184)

Have a look what the booklet for
XYZ(42.4969, 49.2475, 49.8184)
contains.

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Color

**XYZ(42.5165, 49.2871,
49.9203)**

Conversions

Conversions Part 1

Format	Color
Hex	A4C1B3
RGB	164, 193, 179
RGB Percent	64%, 76%, 70%
CMY	0.3569, 0.2431, 0.2980
CMYK	0.15, 0.00, 0.07, 0.24
HSL	151°, 19%, 70%
HSV	151°, 15%, 76%
XYZ	42.5165, 49.2871, 49.9203
YIQ	182.7330, -12.7900, -10.5020

Conversions

Conversions Part 2

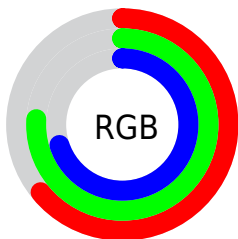
Format	Color
RYB	164, 183, 193
Decimal	10797491
CIELab	75.63, -12.56, 3.76
CIELCh	76, 13.114, 163.321
Yxy	49.2871, 0.3000, 0.3478
Android (android.graphics.Color)	4288987571 (0xFFA4C1B3)
YUV	182.7330, -1.8404, -16.4288
Hunter-Lab	70.2048, -14.7575, 6.9842

Details

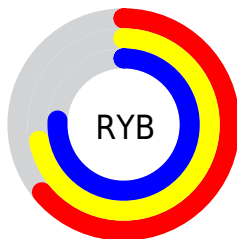
The XYZ color **42.5165, 49.2871, 49.9203** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.3054, 41.1040, 47.7732**, and the grayscale version is **44.8794, 47.2166, 51.4189**.

A 20% lighter version of the original color is **78.0845, 88.8096, 91.6237**, and **19.6806, 23.4163, 23.2212** is the 20% darker color. If you saturate the color by 10%, you get **37.9211, 47.0247, 44.9512**, and if you desaturate by 10%, it is **47.7829, 51.8908, 55.2554**.

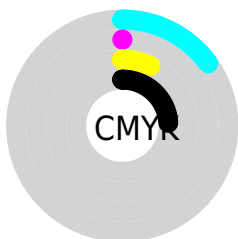
Distribution



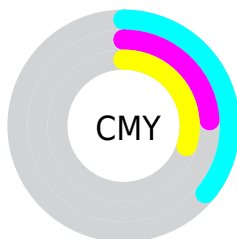
- Red (64%)
- Green (76%)
- Blue (70%)



- Red (64%)
- Yellow (72%)
- Blue (76%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)





- Cyan (36%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5165, 49.2871, 49.9203 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 42.5165, 49.2871, 49.9203 by changing the saturation by 10% instead.

 42.5165, 49.2871,
49.9203


 42.5165, 49.2871,
49.9203


347.5749,
383.8715, 403.0803

 29.6988, 34.8473,
34.9793


 78.2410, 89.1177,
91.4519

 19.7570, 23.5453,
23.3635


 101.8785,
115.2773, 118.8796

 12.3258, 14.9966,
14.6543


129.8534,
146.1122, 151.3066

 7.0397, 8.8170,
8.4332

162.5309,
182.0070, 189.1514

 3.5335, 4.6220,
4.2817

200.2765,
223.3459, 232.8327

 1.4418, 2.0272,
1.7811

243.4554,

 0.2857, 0.6232,

270.5133, 282.7689

0.4155

292.4331,
323.8937, 339.3786

■ 0.0000, 0.0000,
0.0000

■ 42.5165, 49.2871,
49.9203

■ 42.5165, 49.2871,
49.9203

■ 37.9211, 47.0247,
44.9512

■ 47.7829, 51.8908,
55.2554

■ 33.9641, 45.0828,
40.3369

■ 53.7427, 54.8431,
60.9608

■ 30.6163, 43.4479,
36.0704

■ 60.4225, 58.1589,
67.0450

■ 27.8448, 42.1032,
32.1432

■ 67.8462, 61.8504,
73.5149

■ 25.6129, 41.0299,
28.5465

■ 73.9826, 64.8705,
80.2815

■ 23.8800, 40.2073,
25.2708

■ 75.2936, 65.3948,
87.1848

■ 22.5990, 39.6112,
22.3063

■ 76.6751, 65.9474,
94.4596

■ 21.7128, 39.2124,
19.6422

■ 78.1281, 66.5287,
102.1113

■ 21.3624, 39.0584,
18.4240

■ 78.3609, 66.6218,
103.3370

Harmonies

Analogous

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



43.7167, 49.2871, 44.5179



42.5165, 49.2871, 49.9203



42.4502, 49.2871, 56.8038

Triad

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



42.5165, 49.2871, 49.9203



47.9293, 49.2871, 67.7487



50.3235, 49.2871, 45.0085

Complementary

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



42.5165, 49.2871, 49.9203



43.3054, 41.1040, 47.7732

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.



51.5351, 49.2871, 50.6446



42.5165, 49.2871, 49.9203



50.1210, 49.2871, 63.9870

Square

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



42.5165, 49.2871, 49.9203



45.5193, 49.2871, 67.5122



51.4597, 49.2871, 57.5930



48.1980, 49.2871, 41.8543

Rectangle

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



42.5165, 49.2871, 49.9203



43.0538, 49.2871, 61.3465



51.4597, 49.2871, 57.5930



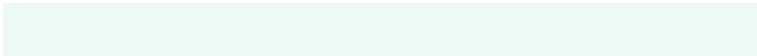
50.8544, 49.2871, 46.6536

Sweetspot

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



42.5179, 49.2892, 49.9214



85.5240, 92.9070, 98.9076



44.1364, 50.2894, 42.5033



18.1959, 19.8565, 21.0692



92.9021, 97.7402, 106.4391



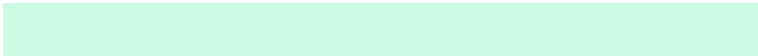
19.4759, 20.4902, 22.3138

Same Dimension

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



42.5179, 49.2892, 49.9214



73.3377, 86.8881, 86.4372



43.9005, 49.6715, 57.7283



10.1570, 11.3439, 11.8303



14.2485, 25.9934, 12.4674



0.6503, 1.1370, 0.7215

Inverse Universe

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



43.3054, 41.1040, 47.7732



75.0151, 69.4549, 81.8622



42.0568, 40.7432, 40.7703



10.2712, 10.1571, 11.5188



15.9870, 8.0846, 7.8438



0.7256, 0.3632, 0.5223

Previews

White Background



This preview shows how the XYZ color 42.5165, 49.2871, 49.9203 looks on a white background.

Color Contrast Check

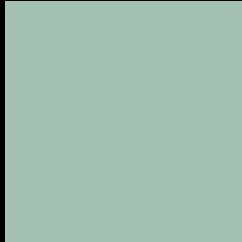
Large Text (above 18pt) WCAG AA × Fail

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 42.5165, 49.2871, 49.9203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

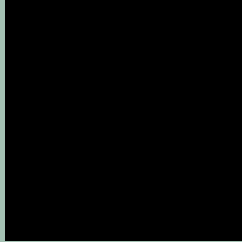
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5165, 49.2871, 49.9203

Background



This preview shows how black text looks on a background with the XYZ color 42.5165, 49.2871, 49.9203.



This preview shows how white text looks on a background with the XYZ color 42.5165, 49.2871,

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

42.5165, 49.2871, 49.9203

Protanopia

46.8251, 48.9995, 47.5474

Deuteranopia

49.9416, 48.9991, 51.0815



Tritanopia

45.2451, 49.0797, 64.2154

Trichromacy



Original Color

42.5165, 49.2871, 49.9203

Protanomaly

45.1111, 49.0461, 48.1635

Deuteranomaly

46.9247, 48.9813, 50.6972

Tritanomaly

44.2001, 48.9825, 58.7547

Monochromacy



Original Color

42.5165, 49.2871, 49.9203

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.1183, 48.1482, 51.2242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5165, 49.2871, 49.9203 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(164, 193, 179)` looks like.

```
.text, #text, p{  
    color:rgb(164, 193, 179)  
}
```

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(164, 193, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 193, 179) }
```

Border

The CSS property to change the border of an element to XYZ 42.5165, 49.2871, 49.9203 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(164, 193, 179) }
```


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

```
.border{ border-color:rgb(164, 193, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 193, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 193, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 193, 179);  
box-shadow:4px 4px 4px 4px rgb(164, 193,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5165, 49.2871, 49.9203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 193, 179) }
```

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

```
.background{ background-color: rgb(164,  
193, 179) }
```

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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