

Converting Colors

XYZ(42.4349, 50.9824, 47.1392)

Have a look what the booklet for
XYZ(42.4349, 50.9824, 47.1392)
contains.

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Color

**XYZ(42.4349, 50.9824,
47.1392)**

Conversions

Conversions Part 1

Format	Color
Hex	A1C6AD
RGB	161, 198, 173
RGB Percent	63%, 78%, 68%
CMY	0.3686, 0.2235, 0.3216
CMYK	0.19, 0.00, 0.13, 0.22
HSL	139°, 25%, 70%
HSV	139°, 19%, 78%
XYZ	42.4349, 50.9824, 47.1392
YIQ	184.0870, -14.0270, -15.6190

Conversions

Conversions Part 2

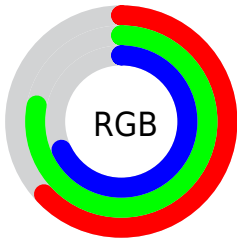
Format	Color
RYB	161, 189, 198
Decimal	10602157
CIELab	76.67, -17.28, 8.47
CIELCh	77, 19.250, 153.884
Yxy	50.9824, 0.3019, 0.3627
Android (android.graphics.Color)	4288792237 (0xFFA1C6AD)
YUV	184.0870, -5.4659, -20.2473
Hunter-Lab	71.4020, -18.8691, 10.8384

Details

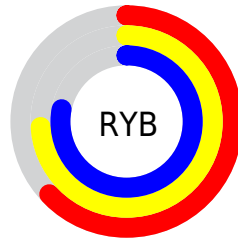
The XYZ color **42.4349, 50.9824, 47.1392** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.8984, 41.0420, 52.0123**, and the grayscale version is **45.6440, 48.0210, 52.2949**.

A 20% lighter version of the original color is **78.0825, 91.7204, 86.9872**, and **19.7311, 24.5782, 21.7933** is the 20% darker color. If you saturate the color by 10%, you get **37.5260, 48.5954, 40.4868**, and if you desaturate by 10%, it is **48.1082, 53.7513, 54.5063**.

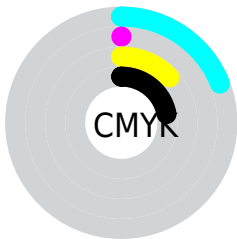
Distribution



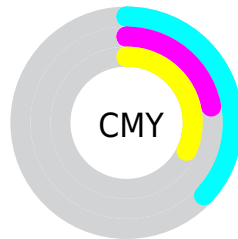
- Red (63%)
- Green (78%)
- Blue (68%)



- Red (63%)
- Yellow (74%)
- Blue (78%)



- Cyan (19%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)




- Cyan (37%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4349, 50.9824, 47.1392 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 42.4349, 50.9824, 47.1392 by changing the saturation by 10% instead.


 42.4349, 50.9824,
47.1392


 42.4349, 50.9824,
47.1392


347.2436,
390.4954, 391.7797

 29.6346, 36.1946,
32.7906


 78.1184, 91.6288,
87.2735

 19.7081, 24.5845,
21.6963


 101.7324,
118.2561, 113.8963

 12.2901, 15.7678,
13.4377


129.6816,
149.5988, 145.4476

 7.0151, 9.3600,
7.5964

162.3314,
186.0411, 182.3458

 3.5180, 4.9767,
3.7537

200.0471,
227.9676, 225.0096

 1.4332, 2.2336,
1.4912

243.1942,

 0.2797, 0.7382,

275.7625, 273.8575

0.2114

292.1379,
329.8103, 329.3080

■ 0.0000, 0.0000,
0.0000

■ 42.4349, 50.9824,
47.1392

■ 42.4349, 50.9824,
47.1392

■ 37.5260, 48.5954,
40.4868

■ 48.1082, 53.7513,
54.5063

■ 33.3438, 46.5670,
34.5244

■ 54.5730, 56.9115,
62.6053

■ 29.8536, 44.8813,
29.2306

■ 61.8602, 60.4799,
71.4567

■ 27.0163, 43.5186,
24.5819

■ 69.9980, 64.4705,
81.0796

■ 24.7887, 42.4571,
20.5531

■ 77.1480, 67.9353,
91.4048

■ 23.1218, 41.6721,
17.1174

■ 79.2088, 68.7596,
102.2567

■ 21.9588, 41.1349,
14.2461

■ 79.4851, 68.8701,
103.7117

■ 21.2100, 40.7999,
11.9067

■ 21.1265, 40.7627,
11.6368

Harmonies

Analogous

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



44.6554, 50.9824, 40.4649



42.4349, 50.9824, 47.1392



41.7981, 50.9824, 56.8814

Triad

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



42.4349, 50.9824, 47.1392



48.9334, 50.9824, 78.0322



54.5091, 50.9824, 45.0596

Complementary

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



42.4349, 50.9824, 47.1392



44.8984, 41.0420, 52.0123

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.



55.7885, 50.9824, 54.1631



42.4349, 50.9824, 47.1392



52.4690, 50.9824, 73.8895

Square

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



42.4349, 50.9824, 47.1392



45.4383, 50.9824, 75.5463



55.0240, 50.9824, 64.8200



51.6070, 50.9824, 39.3740

Rectangle

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



42.4349, 50.9824, 47.1392



42.3294, 50.9824, 64.0377



55.0240, 50.9824, 64.8200



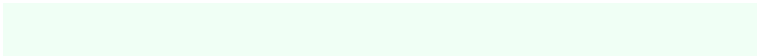
55.1496, 50.9824, 47.7772

Sweetspot

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



42.4363, 50.9845, 47.1403



88.0232, 96.5647, 100.1153



46.9477, 53.4384, 41.5592



18.6837, 20.5922, 21.2304



0.0000, 0.0000, 0.0000



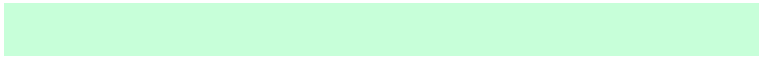
20.3446, 21.4041, 23.3091

Same Dimension

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



42.4363, 50.9845, 47.1403



71.8232, 88.6630, 79.0374



44.3216, 51.7387, 57.0681



10.6369, 11.9436, 12.0381



13.7736, 26.5218, 7.7525



0.6856, 1.2692, 0.5433

Inverse Universe

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



44.8984, 41.0420, 52.0123



76.8983, 68.1640, 89.0768



43.0829, 40.3158, 42.4521



10.9311, 10.7558, 12.6206



17.9747, 8.9394, 15.6084



0.8833, 0.4362, 0.9085

Previews

White Background



This preview shows how the XYZ color 42.4349, 50.9824, 47.1392 looks on a white background.

Color Contrast Check

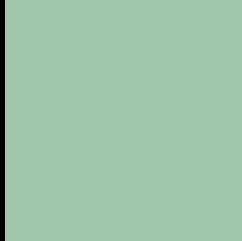
Large Text (above 18pt) WCAG AA × Fail

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 42.4349, 50.9824, 47.1392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

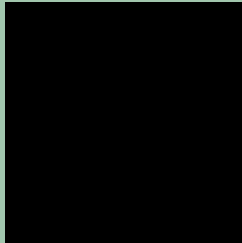
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4349, 50.9824, 47.1392

Background



This preview shows how black text looks on a background with the XYZ color 42.4349, 50.9824, 47.1392.



This preview shows how white text looks on a background with the XYZ color 42.4349, 50.9824,

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

42.4349, 50.9824, 47.1392

Protanopia

48.0771, 50.6639, 44.2910

Deuteranopia

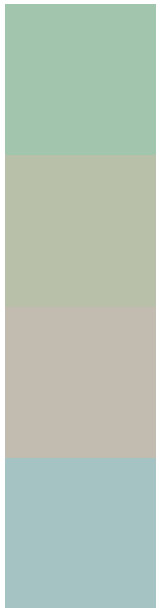
51.7158, 50.5875, 48.1129



Tritanopia

46.3915, 50.9095, 67.0559

Trichromacy



Original Color

42.4349, 50.9824, 47.1392

Protanomaly

45.8725, 50.7919, 45.4163

Deuteranomaly

47.7134, 50.3990, 47.7707

Tritanomaly

44.8825, 50.9697, 59.1023

Monochromacy



Original Color

42.4349, 50.9824, 47.1392

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.3403, 48.9206, 50.2856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4349, 50.9824, 47.1392 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(161, 198, 173)` looks like.

```
.text, #text, p{  
    color:rgb(161, 198, 173)  
}
```

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(161, 198, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 198, 173) }
```

Border

The CSS property to change the border of an element to XYZ 42.4349, 50.9824, 47.1392 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(161, 198, 173) }
```


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

```
.border{ border-color:rgb(161, 198, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 198, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 198, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 198, 173);  
box-shadow:4px 4px 4px 4px rgb(161, 198,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4349, 50.9824, 47.1392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 198, 173) }
```

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

```
.background{ background-color: rgb(161,  
198, 173) }
```

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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