

Converting Colors

XYZ(42.3570, 47.3911, 39.0516)

Have a look what the booklet for
XYZ(42.3570, 47.3911, 39.0516)
contains.

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Color

**XYZ(42.5323, 47.5930,
39.2924)**

Conversions

Conversions Part 1

Format	Color
Hex	B3BB9E
RGB	179, 187, 158
RGB Percent	70%, 73%, 62%
CMY	0.2980, 0.2666, 0.3804
CMYK	0.04, 0.00, 0.16, 0.27
HSL	77°, 18%, 68%
HSV	77°, 16%, 73%
XYZ	42.5323, 47.5930, 39.2924
YIQ	181.3020, 4.5410, -10.7150

Conversions

Conversions Part 2

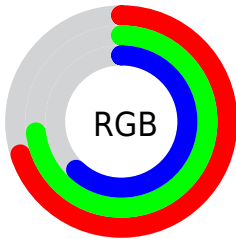
Format	Color
RYB	158, 187, 166
Decimal	11778974
CIELab	74.57, -7.94, 13.76
CIELCh	75, 15.886, 119.975
Yxy	47.5930, 0.3286, 0.3677
Android (android.graphics.Color)	4289969054 (0xFFB3BB9E)
YUV	181.3020, -11.4879, -2.0189
Hunter-Lab	68.9877, -10.6796, 14.5224

Details

The XYZ color **42.5323, 47.5930, 39.2924** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.9242, 36.1498, 52.0478**, and the grayscale version is **44.1440, 46.4430, 50.5764**.

A 20% lighter version of the original color is **78.3218, 86.5674, 75.5320**, and **19.7831, 22.5474, 17.2193** is the 20% darker color. If you saturate the color by 10%, you get **39.8735, 46.3958, 31.3953**, and if you desaturate by 10%, it is **45.4833, 48.9154, 48.4838**.

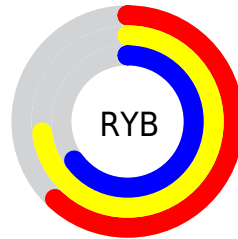
Distribution



Red (70%)

Green (73%)

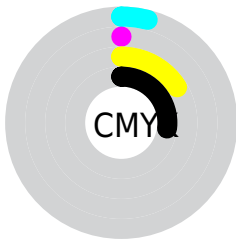
Blue (62%)



Red (62%)

Yellow (73%)

Blue (65%)

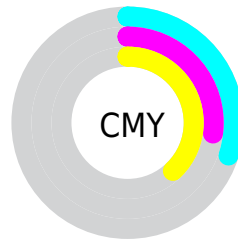


Cyan (4%)

Magenta (0%)

Yellow (16%)

Black (27%)



Cyan (30%)


Magenta (27%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.5323, 47.5930, 39.2924 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 42.5323, 47.5930, 39.2924 by changing the saturation by 10% instead.


 42.5323, 47.5930,
39.2924


 42.5323, 47.5930,
39.2924


347.6390,
377.1766, 358.5951

 29.7113, 33.5047,
26.6777


 78.2647, 86.5981,
75.3100

 19.7665, 22.5133,
17.1010


 101.9068,
112.2837, 99.5501

 12.3327, 14.2346,
10.1438


129.8866,
142.6038, 128.5023

 7.0445, 8.2840,
5.3876

162.5695,
177.9429, 162.5852

 3.5365, 4.2772,
2.4137

200.3209,
218.6854, 202.2174

 1.4434, 1.8298,
0.7939

243.5060,

 0.2868, 0.5056,

265.2155, 247.8174

0.0000

292.4902,
317.9178, 299.8038

0.0000, 0.0000,
0.0000

42.5323, 47.5930,
39.2924

42.5323, 47.5930,
39.2924

39.8735, 46.3958,
31.3953

45.4833, 48.9154,
48.4838

37.4915, 45.3129,
24.7312

48.7335, 50.3610,
59.0207

35.3753, 44.3413,
19.2387

52.2943, 51.9362,
70.9557

33.5115, 43.4757,
14.8495

56.1755, 53.6449,
84.3373

31.8852, 42.7100,
11.4886

60.3863, 55.4907,
99.2118

■ 30.4799, 42.0376,
9.0716

■ 62.3896, 56.4591,
102.2171

■ 29.2765, 41.4508,
7.5006

■ 63.8825, 57.2287,
102.2870

■ 28.2515, 40.9401,
6.6544

■ 65.4232, 58.0229,
102.3591

■ 27.8271, 40.7266,
6.3944

■ 67.0121, 58.8420,
102.4335

Harmonies

Analogous

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



45.2381, 47.5930, 37.5594



42.5323, 47.5930, 39.2924



40.6209, 47.5930, 44.3030

Triad

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



42.5323, 47.5930, 39.2924



42.5284, 47.5930, 66.7556



50.9859, 47.5930, 51.8275

Complementary

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



42.5323, 47.5930, 39.2924



36.9242, 36.1498, 52.0478

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.



50.1875, 47.5930, 60.1441



42.5323, 47.5930, 39.2924



45.2334, 47.5930, 69.2999

Square

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



42.5323, 47.5930, 39.2924



40.6187, 47.5930, 60.1311



48.0513, 47.5930, 66.7636



50.1900, 47.5930, 44.3136

Rectangle

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



42.5323, 47.5930, 39.2924



40.0127, 47.5930, 49.1161



48.0513, 47.5930, 66.7636



50.8946, 47.5930, 54.6228

Sweetspot

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



42.5336, 47.5951, 39.2934



81.6942, 87.7087, 87.5879



40.2545, 40.2105, 37.9882



17.9041, 19.2764, 19.0136



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



42.5336, 47.5951, 39.2934



74.3040, 84.3972, 64.7315



39.4120, 45.9858, 39.1473



10.0585, 10.9846, 10.1667



19.2447, 28.0969, 4.4089



0.8139, 1.1316, 0.1755

Inverse Universe

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



36.9242, 36.1498, 52.0478



62.1279, 59.5504, 92.4213



40.0749, 37.7741, 52.1952



9.2570, 9.3494, 11.9889



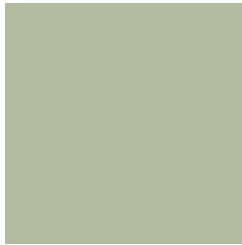
7.2030, 2.9994, 32.5922



0.3478, 0.1513, 1.2797

Previews

White Background



This preview shows how the XYZ color 42.5323, 47.5930, 39.2924 looks on a white background.

Color Contrast Check

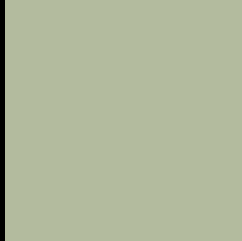
Large Text (above 18pt) WCAG AA × Fail

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 42.5323, 47.5930, 39.2924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

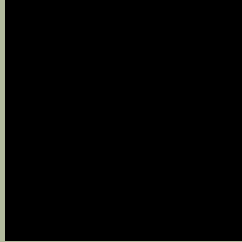
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

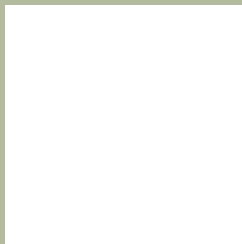
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.5323, 47.5930, 39.2924

Background



This preview shows how black text looks on a background with the XYZ color 42.5323, 47.5930, 39.2924.



This preview shows how white text looks on a background with the XYZ color 42.5323, 47.5930,

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

42.5323, 47.5930, 39.2924

Protanopia

44.9266, 47.6047, 38.2732

Deuteranopia

48.3618, 47.5377, 39.8844



Tritanopia

46.4589, 47.6318, 58.9698

Trichromacy



Original Color

42.5323, 47.5930, 39.2924

Protanomaly

43.9653, 47.4067, 38.7315

Deuteranomaly

46.0706, 47.5567, 39.5521

Tritanomaly

44.8754, 47.6035, 51.0792

Monochromacy



Original Color

42.5323, 47.5930, 39.2924

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.2987, 46.5874, 46.2453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5323, 47.5930, 39.2924 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(179, 187, 158)` looks like.

```
.text, #text, p{  
    color:rgb(179, 187, 158)  
}
```

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(179, 187, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 187, 158) }
```

Border

The CSS property to change the border of an element to XYZ 42.5323, 47.5930, 39.2924 is called "border". The border property can be set on classes, ids or directly on the HTML element.

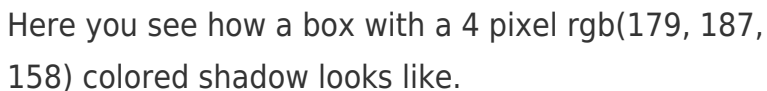
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 187, 158) }
```


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

```
.border{ border-color:rgb(179, 187, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 187, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 187, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 187, 158); box-shadow:4px 4px 4px 4px rgb(179, 187, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5323, 47.5930, 39.2924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 187, 158) }
```

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

```
.background{ background-color: rgb(179,  
187, 158) }
```

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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