

Converting Colors

XYZ(47.2709, 52.3824, 51.0883)

Have a look what the booklet for
XYZ(47.2709, 52.3824, 51.0883)
contains.

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Color

**XYZ(47.3840, 52.4337,
51.3394)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C3B5
RGB	183, 195, 181
RGB Percent	72%, 76%, 71%
CMY	0.2823, 0.2353, 0.2902
CMYK	0.06, 0.00, 0.07, 0.24
HSL	111°, 10%, 74%
HSV	111°, 7%, 76%
XYZ	47.3840, 52.4337, 51.3394
YIQ	189.8160, -2.6580, -6.8980

Conversions

Conversions Part 2

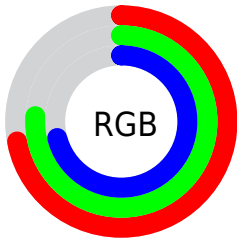
Format	Color
RYB	181, 195, 193
Decimal	12043189
CIELab	77.54, -6.73, 5.61
CIELCh	78, 8.758, 140.173
Yxy	52.4337, 0.3135, 0.3469
Android (android.graphics.Color)	4290233269 (0xFFB7C3B5)
YUV	189.8160, -4.3463, -5.9776
Hunter-Lab	72.4111, -9.9136, 8.6512

Details

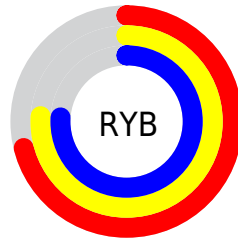
The XYZ color **47.3840, 52.4337, 51.3394** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3687, 48.3268, 58.4112**, and the grayscale version is **48.8642, 51.4089, 55.9843**.

A 20% lighter version of the original color is **85.6931, 94.0860, 93.7647**, and **22.6271, 25.3541, 24.1233** is the 20% darker color. If you saturate the color by 10%, you get **41.7791, 49.7610, 41.3532**, and if you desaturate by 10%, it is **53.7442, 55.4664, 62.8251**.

Distribution



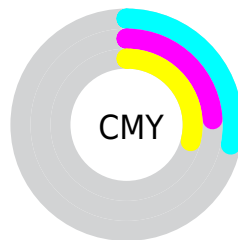
- Red (72%)
- Green (76%)
- Blue (71%)



- Red (71%)
- Yellow (76%)
- Blue (76%)



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)



- Cyan (28%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3840, 52.4337, 51.3394 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 47.3840, 52.4337, 51.3394 by changing the saturation by 10% instead.

■ 47.3840, 52.4337,
51.3394

■ 47.3840, 52.4337,
51.3394

366.9686,
396.1087, 408.7651

■ 33.5485, 37.3509,
36.1002

■ 85.5018, 93.7705,
93.5729

■ 22.7082, 25.4793,
24.2213

110.5148,
120.7934, 121.4043

■ 14.4977, 16.4345,
15.2841

139.9845,
152.5650, 154.2701

■ 8.5517, 9.8321,
8.8702

174.2760,
189.4698, 192.5889

■ 4.5047, 5.2878,
4.5610

213.7548,
231.8921, 236.7793

■ 1.9914, 2.4171,
1.9379

258.7863,

■ 0.6291, 0.8347,

280.2165, 287.2598

0.5167

309.7358,
334.8272, 344.4489

■ 0.0000, 0.0000,
0.0000

■ 47.3840, 52.4337,
51.3394

■ 47.3840, 52.4337,
51.3394

■ 41.7791, 49.7610,
41.3532

■ 53.7442, 55.4664,
62.8251

■ 36.8971, 47.4285,
32.8013

■ 60.8818, 58.8647,
75.8651

■ 32.7097, 45.4244,
25.6191

■ 68.8236, 62.6428,
90.5153

■ 29.1849, 43.7339,
19.7352

■ 76.9423, 66.5514,
103.3982

■ 26.2885, 42.3410,
15.0721

■ 78.8061, 67.5123,
103.4854

■ 23.9828, 41.2280,
11.5441

■ 22.2262, 40.3758,
9.0541

■ 20.9714, 39.7622,
7.4892

■ 20.1593, 39.3604,
6.6927

Harmonies

Analogous

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



48.7251, 52.4337, 48.7987



47.3840, 52.4337, 51.3394



46.7048, 52.4337, 55.5187

Triad

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



47.3840, 52.4337, 51.3394



49.2845, 52.4337, 66.7546



52.9475, 52.4337, 53.9437

Complementary

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



47.3840, 52.4337, 51.3394



48.3687, 48.3268, 58.4112

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.



53.1055, 52.4337, 58.6935



47.3840, 52.4337, 51.3394



50.9650, 52.4337, 66.2740

Square

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



47.3840, 52.4337, 51.3394



47.7855, 52.4337, 64.5361



52.3725, 52.4337, 63.2577



51.9457, 52.4337, 50.2424

Rectangle

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



47.3840, 52.4337, 51.3394



46.7081, 52.4337, 58.7499



52.3725, 52.4337, 63.2577



53.1019, 52.4337, 55.4644

Sweetspot

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



47.3855, 52.4359, 51.3405



90.5570, 96.6227, 102.1977



49.8963, 53.0366, 51.3241



19.8560, 21.1713, 22.4252



0.0000, 0.0000, 0.0000



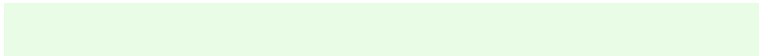
20.3446, 21.4041, 23.3091

Same Dimension

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



47.3855, 52.4359, 51.3405



82.7925, 92.9210, 88.2358



47.4251, 52.3973, 54.0142



10.0753, 11.3263, 10.7170



13.0357, 25.5490, 4.2444



0.6073, 1.1266, 0.1854

Inverse Universe

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



48.3687, 48.3268, 58.4112



85.0041, 83.6776, 104.1410



48.3366, 48.3733, 55.5639



10.3514, 10.1723, 12.7027



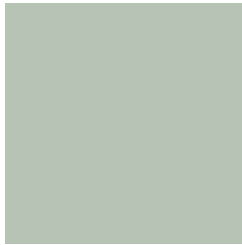
16.8358, 7.9396, 34.2018



0.7670, 0.3634, 1.4796

Previews

White Background



This preview shows how the XYZ color 47.3840, 52.4337, 51.3394 looks on a white background.

Color Contrast Check

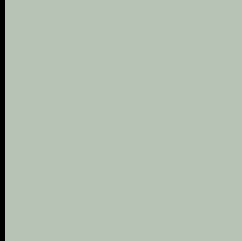
Large Text (above 18pt) WCAG AA × Fail

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 47.3840, 52.4337, 51.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

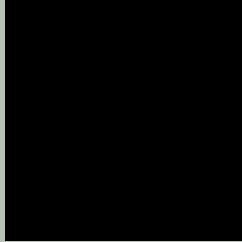
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

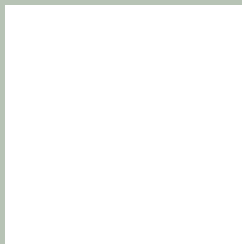
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.3840, 52.4337, 51.3394

Background



This preview shows how black text looks on a background with the XYZ color 47.3840, 52.4337, 51.3394.



This preview shows how white text looks on a background with the XYZ color 47.3840, 52.4337,

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

47.3840, 52.4337, 51.3394

Protanopia

50.0562, 52.5220, 50.1473

Deuteranopia

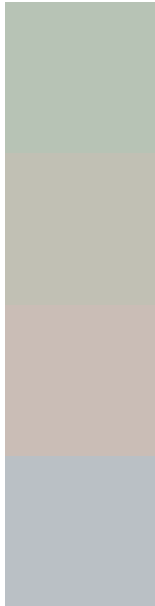
53.3368, 52.2630, 52.0764



Tritanopia

50.2649, 52.2826, 65.8348

Trichromacy



Original Color

47.3840, 52.4337, 51.3394

Protanomaly

49.0802, 52.3320, 50.6943

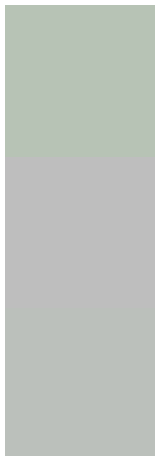
Deuteranomaly

50.9982, 52.3291, 51.6686

Tritanomaly

49.1774, 52.1696, 60.3011

Monochromacy



Original Color

47.3840, 52.4337, 51.3394

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.3128, 51.8519, 54.4758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3840, 52.4337, 51.3394 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(183, 195, 181)` looks like.

```
.text, #text, p{  
    color:rgb(183, 195, 181)  
}
```

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(183, 195, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 195, 181) }
```

Border

The CSS property to change the border of an element to XYZ 47.3840, 52.4337, 51.3394 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(183, 195, 181) }
```


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

```
.border{ border-color:rgb(183, 195, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 195, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 195, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 195, 181);  
box-shadow:4px 4px 4px 4px rgb(183, 195,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3840, 52.4337, 51.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 195, 181) }
```

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

```
.background{ background-color: rgb(183,  
195, 181) }
```

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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