

Converting Colors

XYZ(38.1574, 43.7006, 33.3555)

Have a look what the booklet for
XYZ(38.1574, 43.7006, 33.3555)
contains.

XYZ(37.9969, 43.5271, 33.1870)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.9969, 43.5271,
33.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	A9B591
RGB	169, 181, 145
RGB Percent	66%, 71%, 57%
CMY	0.3373, 0.2902, 0.4314
CMYK	0.07, 0.00, 0.20, 0.29
HSL	80°, 20%, 64%
HSV	80°, 20%, 71%
XYZ	37.9969, 43.5271, 33.1870
YIQ	173.3080, 4.4040, -13.7400

Conversions

Conversions Part 2

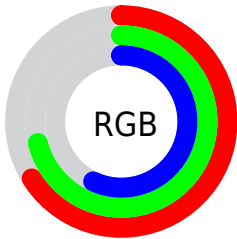
Format	Color
RYB	145, 181, 157
Decimal	11122065
CIELab	71.91, -10.60, 16.98
CIELCh	72, 20.010, 121.972
Yxy	43.5271, 0.3312, 0.3795
Android (android.graphics.Color)	4289312145 (0xFFA9B591)
YUV	173.3080, -13.9558, -3.7781
Hunter-Lab	65.9751, -12.6532, 16.3583

Details

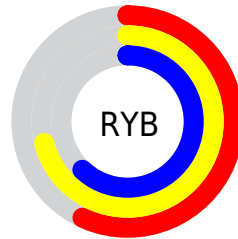
The XYZ color **37.9969, 43.5271, 33.1870** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.3723, 30.7563, 47.9488**, and the grayscale version is **39.9461, 42.0264, 45.7668**.

A 20% lighter version of the original color is **71.3335, 80.5392, 65.8188**, and **17.0757, 20.0284, 13.5556** is the 20% darker color. If you saturate the color by 10%, you get **35.4463, 42.3622, 26.3534**, and if you desaturate by 10%, it is **40.8320, 44.8156, 41.1965**.

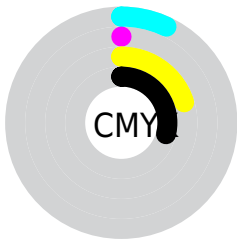
Distribution



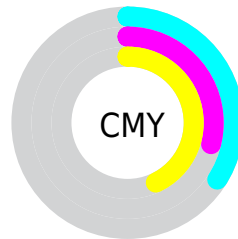
- Red (66%)
- Green (71%)
- Blue (57%)



- Red (57%)
- Yellow (71%)
- Blue (62%)



- Cyan (7%)
- Magenta (0%)
- Yellow (20%)
- Black (29%)



- Cyan (34%)
- Magenta (29%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9969, 43.5271, 33.1870 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 37.9969, 43.5271, 33.1870 by changing the saturation by 10% instead.

■ 37.9969, 43.5271,
33.1870

■ 37.9969, 43.5271,
33.1870

328.8878,
360.7750, 331.1493

■ 26.1575, 30.2989,
21.9974

■ 71.4073, 80.5057,
65.7867

■ 17.0748, 20.0656,
13.6567

■ 93.7090, 105.0248,
88.0340

■ 10.3835, 12.4427,
7.7463

120.2289,
134.0764, 114.8043

■ 5.7181, 7.0459,
3.8476

151.3322,
168.0449, 146.5161

■ 2.7135, 3.4908,
1.5421

187.3844,
207.3146, 183.5879

■ 1.0041, 1.3930,
0.2490

228.7509,

■ 0.0000, 0.2116,

252.2699, 226.4384

0.0000

275.7969,
303.2952, 275.4860

■ 0.0000, 0.0000,
0.0000

■ 37.9969, 43.5271,
33.1870

■ 37.9969, 43.5271,
33.1870

■ 35.4463, 42.3622,
26.3534

■ 40.8320, 44.8156,
41.1965

■ 33.1655, 41.3105,
20.6375

■ 43.9586, 46.2263,
50.4308

■ 31.1434, 40.3691,
15.9805


■ 47.3881, 47.7652,
60.9394


■ 29.3667, 39.5324,
12.3167


■ 51.1298, 49.4362,
72.7684

■ 27.8209, 38.7946,
9.5736


■ 55.1928, 51.2429,
85.9613


 26.4893, 38.1489,
7.6685


 59.5856, 53.1890,
100.5600


 25.3526, 37.5875,
6.5041

 61.5090, 54.1546,
101.8188

 24.3720, 37.0948,
5.8812

 63.2733, 55.0642,
101.9013

 24.3617, 37.0896,
5.8750

 65.1033, 56.0075,
101.9870

Harmonies

Analogous

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



41.1461, 43.5271, 31.0004



37.9969, 43.5271, 33.1870



35.8512, 43.5271, 39.1090

Triad

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



37.9969, 43.5271, 33.1870



38.3671, 43.5271, 65.9687



48.2733, 43.5271, 46.7507

Complementary

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



37.9969, 43.5271, 33.1870



32.3723, 30.7563, 47.9488

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.



47.4306, 43.5271, 56.7726



37.9969, 43.5271, 33.1870



41.5971, 43.5271, 68.7372

Square

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



37.9969, 43.5271, 33.1870



36.0566, 43.5271, 58.0437



44.9396, 43.5271, 65.1669



47.1840, 43.5271, 38.1331

Rectangle

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



37.9969, 43.5271, 33.1870



35.2147, 43.5271, 44.8201



44.9396, 43.5271, 65.1669



48.2064, 43.5271, 50.0638

Sweetspot

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



37.9980, 43.5290, 33.1879



75.1850, 81.1906, 79.7833



36.2254, 35.9835, 31.8249



16.1742, 17.5139, 17.0212



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.9980, 43.5290, 33.1879



65.9276, 76.9868, 53.6607



34.3986, 41.6734, 33.0195



8.9163, 9.7619, 9.0668



16.8694, 25.6065, 4.0534



0.5895, 0.8360, 0.1303

Inverse Universe

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



32.3723, 30.7563, 47.9488



53.9609, 49.8133, 85.0655



36.1467, 32.7021, 48.1254



8.3001, 8.3632, 10.6831



7.1156, 3.0040, 30.3418



0.2873, 0.1272, 0.9577

Previews

White Background



This preview shows how the XYZ color 37.9969, 43.5271, 33.1870 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 37.9969, 43.5271, 33.1870 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 37.9969, 43.5271, 33.1870

Background



This preview shows how black text looks on a background with the XYZ color 37.9969, 43.5271, 33.1870.



This preview shows how white text looks on a background with the XYZ color 37.9969, 43.5271,

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

37.9969, 43.5271, 33.1870

Protanopia

40.9013, 43.5685, 31.8450

Deuteranopia

44.0830, 43.1790, 33.6147



Tritanopia

42.1945, 43.4480, 54.3065

Trichromacy



Original Color

37.9969, 43.5271, 33.1870

Protanomaly

39.7007, 43.5273, 32.2958

Deuteranomaly

41.6177, 43.0388, 33.3080

Tritanomaly

40.4985, 43.3456, 45.7672

Monochromacy



Original Color

37.9969, 43.5271, 33.1870

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.1495, 42.4657, 40.7836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9969, 43.5271, 33.1870 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(169, 181, 145)` looks like.

```
.text, #text, p{  
    color:rgb(169, 181, 145)  
}
```

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(169, 181, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 181, 145) }
```

Border

The CSS property to change the border of an element to XYZ 37.9969, 43.5271, 33.1870 is called "border". The border property can be set on classes, ids or directly on the HTML element.

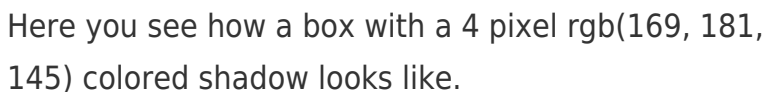
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 181, 145) }
```


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

```
.border{ border-color:rgb(169, 181, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 181, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 181, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 181, 145); box-shadow:4px 4px 4px 4px rgb(169, 181, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9969, 43.5271, 33.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 181, 145) }
```

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

```
.background{ background-color: rgb(169,  
181, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor