

Converting Colors

XYZ(33.0354, 43.4874, 30.6171)

Have a look what the booklet for
XYZ(33.0354, 43.4874, 30.6171)
contains.

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Color

**XYZ(33.1016, 43.5485,
30.7058)**

Conversions

Conversions Part 1

Format	Color
Hex	89BD8A
RGB	137, 189, 138
RGB Percent	54%, 74%, 54%
CMY	0.4627, 0.2588, 0.4588
CMYK	0.28, 0.00, 0.27, 0.26
HSL	121°, 28%, 64%
HSV	121°, 28%, 74%
XYZ	33.1016, 43.5485, 30.7058
YIQ	167.6380, -14.6210, -26.8850

Conversions

Conversions Part 2

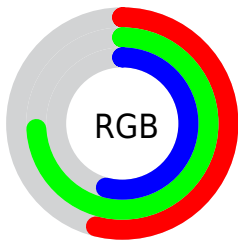
Format	Color
RYB	137, 188, 189
Decimal	9026954
CIELab	71.93, -27.21, 20.44
CIELCh	72, 34.031, 143.082
Yxy	43.5485, 0.3083, 0.4056
Android (android.graphics.Color)	4287217034 (0xFF89BD8A)
YUV	167.6380, -14.6115, -26.8695
Hunter-Lab	65.9913, -25.9482, 18.6062

Details

The XYZ color **33.1016, 43.5485, 30.7058** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.0105, 32.3420, 51.7655**, and the grayscale version is **37.1174, 39.0504, 42.5259**.

A 20% lighter version of the original color is **63.9561, 80.7937, 62.0931**, and **14.1717, 19.9638, 12.3390** is the 20% darker color. If you saturate the color by 10%, you get **29.0411, 41.5986, 24.0982**, and if you desaturate by 10%, it is **37.9362, 45.8735, 38.5471**.

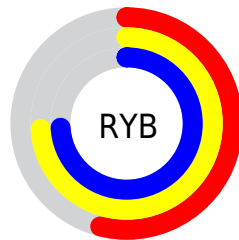
Distribution



Red (54%)

Green (74%)

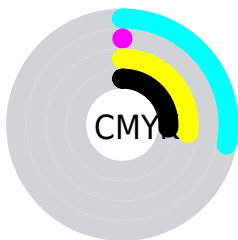
Blue (54%)



Red (54%)

Yellow (74%)

Blue (74%)

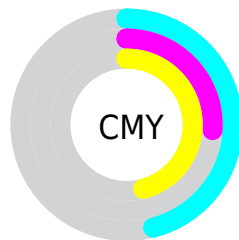


Cyan (28%)

Magenta (0%)

Yellow (27%)

Black (26%)



Cyan (46%)

Magenta (26%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1016, 43.5485, 30.7058 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 33.1016, 43.5485, 30.7058 by changing the saturation by 10% instead.

■ 33.1016, 43.5485,
30.7058

■ 33.1016, 43.5485,
30.7058

307.7642,
360.8626, 319.4898

■ 22.3639, 30.3157,
20.1183

■ 63.8877, 80.5379,
61.8507

■ 14.2426, 20.0783,
12.2962

■ 84.6669, 105.0633,
83.2453

■ 8.3724, 12.4520,
6.8207

■ 109.5239,
134.1217, 109.0793

■ 4.3880, 7.0523,
3.2735

138.8241,
168.0976, 139.7712

■ 1.9239, 3.4948,
1.2359

172.9329,
207.3752, 175.7397

■ 0.5907, 1.3952,
0.0084

212.2156,

■ 0.0000, 0.2132,

252.3389, 217.4033

0.0000

257.0376,
303.3733, 265.1805

■ 0.0000, 0.0000,
0.0000

■ 33.1016, 43.5485,
30.7058

■ 33.1016, 43.5485,
30.7058

■ 29.0411, 41.5986,
24.0982

■ 37.9362, 45.8735,
38.5471

■ 25.7114, 39.9990,
18.6589

■ 43.5785, 48.5860,
47.6775

■ 23.0700, 38.7306,
14.3208

■ 50.0644, 51.7045,
58.1521

■ 21.0689, 37.7702,
11.0087

■ 57.4264, 55.2446,
70.0225

■ 19.6536, 37.0916,
8.6384

■ 65.6956, 59.2214,
83.3372

■ 18.7609, 36.6643,
7.1118

■ 74.9012, 63.6489,
98.1424

■ 18.3024, 36.4452,
6.3067

■ 77.4884, 64.8768,
103.0461

■ 18.2183, 36.4048,
6.1710

Harmonies

Analogous

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



37.1721, 43.5485, 23.6892



33.1016, 43.5485, 30.7058



31.2799, 43.5485, 43.6739

Triad

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



33.1016, 43.5485, 30.7058



40.0631, 43.5485, 86.7073



52.5198, 43.5485, 35.9668

Complementary

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



33.1016, 43.5485, 30.7058



39.0105, 32.3420, 51.7655

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.



53.4766, 43.5485, 51.3679



33.1016, 43.5485, 30.7058



45.9188, 43.5485, 83.2782

Square

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



33.1016, 43.5485, 30.7058



35.0487, 43.5485, 77.8040



50.9615, 43.5485, 69.3009



48.4568, 43.5485, 26.1942

Rectangle

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



33.1016, 43.5485, 30.7058



31.4530, 43.5485, 55.0187



50.9615, 43.5485, 69.3009



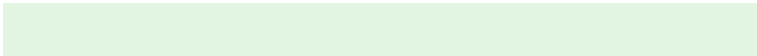
53.2300, 43.5485, 40.5498

Sweetspot

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



33.1027, 43.5503, 30.7068



77.3823, 86.6948, 84.3141



43.4867, 48.9118, 30.8164



16.2951, 18.4772, 17.5726



90.7827, 95.5105, 104.0109



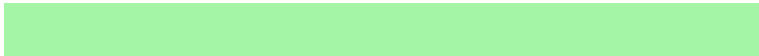
18.6292, 19.5994, 21.3438

Same Dimension

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



33.1027, 43.5503, 30.7068



54.7486, 75.8155, 47.6182



35.2042, 44.3909, 41.7730



9.4160, 10.6525, 10.1743



12.2606, 24.4945, 4.1690



0.4828, 0.9605, 0.1769

Inverse Universe

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



39.0105, 32.3420, 51.7655



67.0796, 52.4191, 91.5714



36.4667, 31.3245, 38.3700



9.9218, 9.6930, 11.9774



20.0416, 9.6478, 31.8421



0.7876, 0.3789, 1.2607

Previews

White Background



This preview shows how the XYZ color 33.1016, 43.5485, 30.7058 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 33.1016, 43.5485, 30.7058 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 33.1016, 43.5485, 30.7058

Background



This preview shows how black text looks on a background with the XYZ color 33.1016, 43.5485, 30.7058.



This preview shows how white text looks on a background with the XYZ color 33.1016, 43.5485,

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

33.1016, 43.5485, 30.7058

Protanopia

40.2339, 43.0173, 28.0124

Deuteranopia

43.9723, 43.1663, 31.6055



Tritanopia

38.5203, 43.2363, 58.5398

Trichromacy



Original Color

33.1016, 43.5485, 30.7058

Protanomaly

36.9865, 42.7988, 28.8658

Deuteranomaly

39.1554, 42.6771, 31.3731

Tritanomaly

36.2060, 43.2158, 46.9907

Monochromacy



Original Color

33.1016, 43.5485, 30.7058

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

35.5158, 40.6531, 37.8732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1016, 43.5485, 30.7058 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(137, 189, 138)` looks like.

```
.text, #text, p{  
    color:rgb(137, 189, 138)  
}
```

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(137, 189, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 189, 138) }
```

Border

The CSS property to change the border of an element to XYZ 33.1016, 43.5485, 30.7058 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(137, 189, 138) }
```


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

```
.border{ border-color:rgb(137, 189, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 189, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 189, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 189, 138);  
box-shadow:4px 4px 4px 4px rgb(137, 189,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1016, 43.5485, 30.7058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 189, 138) }
```

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

```
.background{ background-color: rgb(137,  
189, 138) }
```

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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