

Converting Colors

XYZ(36.5402, 43.4488, 35.0165)

Have a look what the booklet for
XYZ(36.5402, 43.4488, 35.0165)
contains.

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Color

**XYZ(36.4589, 43.3060,
34.8711)**

Conversions

Conversions Part 1

Format	Color
Hex	9EB795
RGB	158, 183, 149
RGB Percent	62%, 72%, 58%
CMY	0.3804, 0.2823, 0.4157
CMYK	0.14, 0.00, 0.19, 0.28
HSL	104°, 19%, 65%
HSV	104°, 19%, 72%
XYZ	36.4589, 43.3060, 34.8711
YIQ	171.6490, -3.9860, -15.8740

Conversions

Conversions Part 2

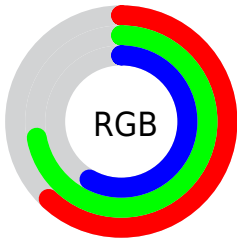
Format	Color
RYB	149, 183, 174
Decimal	10401685
CIELab	71.76, -14.99, 14.48
CIELCh	72, 20.841, 135.996
Yxy	43.3060, 0.3180, 0.3778
Android (android.graphics.Color)	4288591765 (0xFF9EB795)
YUV	171.6490, -11.1660, -11.9702
Hunter-Lab	65.8073, -16.2693, 14.6475

Details

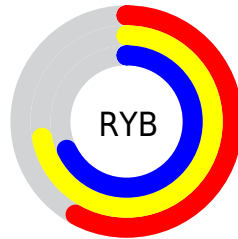
The XYZ color **36.4589, 43.3060, 34.8711** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.7519, 33.9137, 49.4109**, and the grayscale version is **39.0924, 41.1282, 44.7886**.

A 20% lighter version of the original color is **69.0866, 80.1909, 68.3371**, and **16.1311, 19.9113, 14.5483** is the 20% darker color. If you saturate the color by 10%, you get **32.6078, 41.4777, 27.6541**, and if you desaturate by 10%, it is **40.8319, 45.3793, 43.3128**.

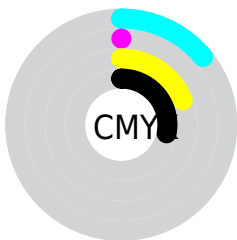
Distribution



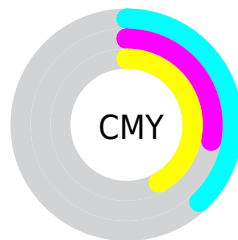
- Red (62%)
- Green (72%)
- Blue (58%)



- Red (58%)
- Yellow (72%)
- Blue (68%)



- Cyan (14%)
- Magenta (0%)
- Yellow (19%)
- Black (28%)





- Cyan (38%)
- Magenta (28%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4589, 43.3060, 34.8711 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 36.4589, 43.3060, 34.8711 by changing the saturation by 10% instead.


 36.4589, 43.3060,
34.8711


 36.4589, 43.3060,
34.8711


322.3583,
359.8687, 338.8860

 24.9606, 30.1253,
23.2808


 69.0590, 80.1724,
68.4353

 16.1763, 19.9337,
14.5938


 90.8915, 104.6269,
91.2464

 9.7406, 12.3469,
8.3913

116.8995,
133.6081, 118.6348

 5.2883, 6.9804,
4.2550

147.4482,
167.5004, 151.0191

 2.4538, 3.4498,
1.7663

182.9031,
206.6883, 188.8178

 0.8720, 1.3708,
0.4056

223.6295,

 0.0000, 0.1951,

251.5560, 232.4495

0.0000

269.9928,
302.4880, 282.3327

0.0000, 0.0000,
0.0000

36.4589, 43.3060,
34.8711

36.4589, 43.3060,
34.8711

32.6078, 41.4777,
27.6541

40.8319, 45.3793,
43.3128

29.2550, 39.8798,
21.6022

45.7421, 47.7006,
53.0294

26.3804, 38.5044,
16.6550

51.2085, 50.2800,
64.0717

23.9610, 37.3412,
12.7458

57.2483, 53.1250,
76.4870

21.9719, 36.3789,
9.8003

63.8777, 56.2433,
90.3202

■ 20.3855, 35.6051,
7.7349

■ 70.4938, 59.3945,
102.3566

■ 19.1704, 35.0059,
6.4510

■ 75.2012, 61.8212,
102.5769

■ 18.2811, 34.5613,
5.7821

■ 76.2243, 62.3487,
102.6248

■ 18.1739, 34.5077,
5.7028

Harmonies

Analogous

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



39.3146, 43.3060, 30.7937



36.4589, 43.3060, 34.8711



34.9066, 43.3060, 42.5934

Triad

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



36.4589, 43.3060, 34.8711



39.5366, 43.3060, 68.6968



48.0533, 43.3060, 41.9848

Complementary

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



36.4589, 43.3060, 34.8711



36.7519, 33.9137, 49.4109

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.



48.1213, 43.3060, 52.0266



36.4589, 43.3060, 34.8711



43.0644, 43.3060, 68.4717

Square

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



36.4589, 43.3060, 34.8711



36.6134, 43.3060, 62.6019



46.2511, 43.3060, 62.0250



46.0705, 43.3060, 34.4808

Rectangle

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



36.4589, 43.3060, 34.8711



34.7590, 43.3060, 49.2176



46.2511, 43.3060, 62.0250



48.3046, 43.3060, 45.1467

Sweetspot

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



36.4601, 43.3079, 34.8720



75.2162, 82.2588, 81.6694



40.0782, 42.4854, 34.5226



16.4911, 18.1108, 17.7988



88.6918, 93.3107, 101.6153



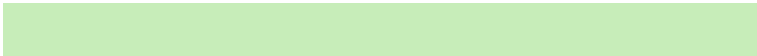
17.8044, 18.7317, 20.3988

Same Dimension

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



36.4601, 43.3079, 34.8720



62.5786, 76.2699, 57.3095



35.4093, 42.6905, 38.2433



9.1074, 10.1720, 9.5903



12.7343, 24.1011, 3.9808



0.5094, 0.8808, 0.1432

Inverse Universe

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



36.7519, 33.9137, 49.4109



63.1888, 56.5537, 87.8213



38.0219, 34.6611, 45.2799



9.1427, 9.0399, 11.3424



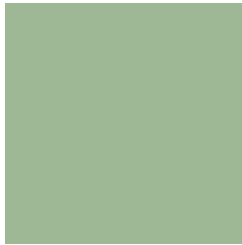
12.9517, 5.9880, 31.7262



0.5116, 0.2395, 1.1210

Previews

White Background



This preview shows how the XYZ color 36.4589, 43.3060, 34.8711 looks on a white background.

Color Contrast Check

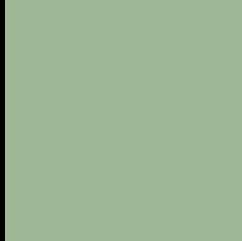
Large Text (above 18pt) WCAG AA × Fail

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 36.4589, 43.3060, 34.8711 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 36.4589, 43.3060, 34.8711

Background



This preview shows how black text looks on a background with the XYZ color 36.4589, 43.3060, 34.8711.



This preview shows how white text looks on a background with the XYZ color 36.4589, 43.3060,

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

36.4589, 43.3060, 34.8711

Protanopia

40.4484, 43.0186, 32.9596

Deuteranopia

43.9429, 43.0604, 35.7012



Tritanopia

40.6432, 43.2052, 55.4875

Trichromacy



Original Color

36.4589, 43.3060, 34.8711

Protanomaly

38.7879, 43.0301, 33.4554

Deuteranomaly

40.7295, 42.8208, 35.3967

Tritanomaly

38.8569, 43.0562, 47.3370

Monochromacy



Original Color

36.4589, 43.3060, 34.8711

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.1625, 41.9465, 41.2071

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4589, 43.3060, 34.8711 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(158, 183, 149)` looks like.

```
.text, #text, p{  
    color:rgb(158, 183, 149)  
}
```

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(158, 183, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 183, 149) }
```

Border

The CSS property to change the border of an element to XYZ 36.4589, 43.3060, 34.8711 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(158, 183, 149) }
```


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

```
.border{ border-color:rgb(158, 183, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 183, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 183, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 183, 149);  
box-shadow:4px 4px 4px 4px rgb(158, 183,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4589, 43.3060, 34.8711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 183, 149) }
```

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

```
.background{ background-color: rgb(158,  
183, 149) }
```

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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