

Converting Colors

XYZ(38.0473, 39.3444, 28.6563)

Have a look what the booklet for
XYZ(38.0473, 39.3444, 28.6563)
contains.

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Color

**XYZ(38.0170, 39.3360,
28.5106)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A687
RGB	185, 166, 135
RGB Percent	73%, 65%, 53%
CMY	0.2745, 0.3490, 0.4706
CMYK	0.00, 0.10, 0.27, 0.27
HSL	37°, 26%, 63%
HSV	37°, 27%, 73%
XYZ	38.0170, 39.3360, 28.5106
YIQ	168.1470, 21.2750, -5.6130

Conversions

Conversions Part 2

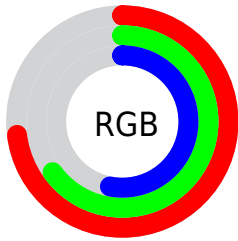
Format	Color
RYB	166, 185, 135
Decimal	12166791
CIELab	68.99, 2.04, 18.59
CIELCh	69, 18.702, 83.725
Yxy	39.3360, 0.3591, 0.3716
Android (android.graphics.Color)	4290356871 (0xFFB9A687)
YUV	168.1470, -16.3415, 14.7801
Hunter-Lab	62.7184, -1.5588, 16.9508

Details

The XYZ color **38.0170, 39.3360, 28.5106** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.3041, 31.7641, 50.4330**, and the grayscale version is **37.3629, 39.3087, 42.8072**.

A 20% lighter version of the original color is **71.5515, 74.2210, 58.1319**, and **17.0171, 17.5158, 11.0783** is the 20% darker color. If you saturate the color by 10%, you get **35.5833, 36.3751, 21.8220**, and if you desaturate by 10%, it is **40.7489, 42.5308, 36.4162**.

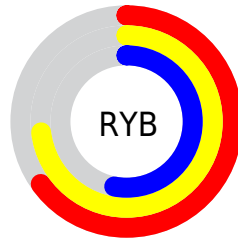
Distribution



Red (73%)

Green (65%)

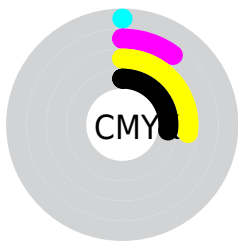
Blue (53%)



Red (65%)

Yellow (73%)

Blue (53%)

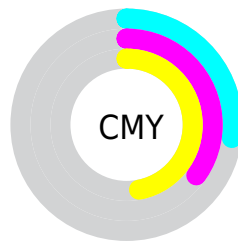


Cyan (0%)

Magenta (10%)

Yellow (27%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0170, 39.3360, 28.5106 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 38.0170, 39.3360, 28.5106 by changing the saturation by 10% instead.

■ 38.0170, 39.3360,
28.5106

■ 38.0170, 39.3360,
28.5106

328.9725,
343.3169, 308.8871

■ 26.1732, 27.0212,
18.4685

■ 71.4379, 74.1513,
58.3315

■ 17.0866, 17.5892,
11.1140

■ 93.7457, 97.4207,
78.9474

■ 10.3919, 10.6554,
6.0284

■ 120.2722,
125.1103, 103.9250

■ 5.7238, 5.8356,
2.7933

151.3827,
157.6046, 133.6828

■ 2.7169, 2.7454,
0.9901

187.4427,
195.2881, 168.6394

■ 1.0059, 1.0003,
0.0000

228.8174,

■ 0.0000, 0.0000,

238.5450, 209.2133

0.0000

275.8722,
287.7598, 255.8230

■ 38.0170, 39.3360,
28.5106

■ 38.0170, 39.3360,
28.5106

■ 35.5833, 36.3751,
21.8220

■ 40.7489, 42.5308,
36.4162

■ 33.4321, 33.6357,
16.2859

■ 43.7880, 45.9604,
45.5939

■ 31.5503, 31.1122,
11.8356

■ 47.1464, 49.6330,
56.0984

■ 29.9228, 28.7968,
8.3963

■ 50.8348, 53.5544,
67.9804

■ 28.5324, 26.6806,
5.8839

■ 54.8632, 57.7303,
81.2881

■ 27.3593, 24.7538,
4.2002

■ 59.2413, 62.1660,
96.0671

■ 26.3764, 23.0035,
3.2079

■ 62.4103, 66.2395,
104.1039

■ 26.1059, 22.5108,
2.9691

■ 64.2410, 69.9009,
104.7141

■ 66.1495, 73.7180,
105.3503

Harmonies

Analogous

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



40.8787, 39.3360, 30.9237



38.0170, 39.3360, 28.5106



35.1309, 39.3360, 29.5036

Triad

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



38.0170, 39.3360, 28.5106



32.3870, 39.3360, 49.7726



42.1963, 39.3360, 53.2834

Complementary

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



38.0170, 39.3360, 28.5106



30.3041, 31.7641, 50.4330

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.



39.7391, 39.3360, 59.6648



38.0170, 39.3360, 28.5106



34.1013, 39.3360, 57.4571

Square

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



38.0170, 39.3360, 28.5106



31.9801, 39.3360, 41.0628



36.7654, 39.3360, 61.2854



43.3728, 39.3360, 44.6476

Rectangle

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



38.0170, 39.3360, 28.5106



33.5680, 39.3360, 32.0392



36.7654, 39.3360, 61.2854



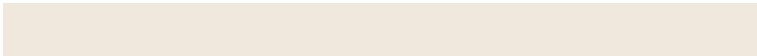
41.4866, 39.3360, 55.8071

Sweetspot

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



38.0180, 39.3378, 28.5114



77.7947, 81.6148, 79.7276



34.5186, 29.9814, 34.6128



16.5891, 17.3914, 16.6323



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.



38.0180, 39.3378, 28.5114



65.6286, 67.4864, 44.2156



40.3514, 46.0510, 29.6842



9.4558, 9.9145, 9.5222



17.8477, 15.4718, 2.0457



0.6869, 0.6608, 0.0913

Inverse Universe

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



30.3041, 31.7641, 50.4330



49.6669, 51.8193, 89.5890



28.3776, 26.4794, 49.5145



8.7933, 9.2638, 11.4041



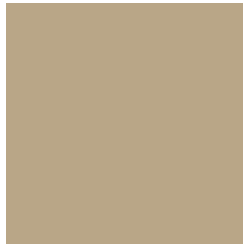
7.5317, 5.5230, 31.9222



0.3260, 0.3156, 1.1455

Previews

White Background



This preview shows how the XYZ color 38.0170, 39.3360, 28.5106 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 38.0170, 39.3360, 28.5106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

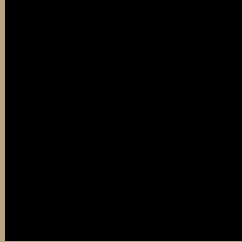
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.0170, 39.3360, 28.5106

Background



This preview shows how black text looks on a background with the XYZ color 38.0170, 39.3360, 28.5106.



This preview shows how white text looks on a background with the XYZ color 38.0170, 39.3360,

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

38.0170, 39.3360, 28.5106

Protanopia

37.0370, 39.3665, 28.9390

Deuteranopia

40.1292, 39.3540, 28.7736



Tritanopia

41.5229, 39.4540, 44.9621

Trichromacy



Original Color

38.0170, 39.3360, 28.5106

Protanomaly

37.3187, 39.2388, 28.8995

Deuteranomaly

39.2794, 39.1784, 28.7845

Tritanomaly

40.0942, 39.3890, 38.2905

Monochromacy



Original Color

38.0170, 39.3360, 28.5106

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.2750, 39.0364, 37.0227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0170, 39.3360, 28.5106 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(185, 166, 135)` looks like.

```
.text, #text, p{  
    color:rgb(185, 166, 135)  
}
```

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(185, 166, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 166, 135) }
```

Border

The CSS property to change the border of an element to XYZ 38.0170, 39.3360, 28.5106 is called "border". The border property can be set on classes, ids or directly on the HTML element.

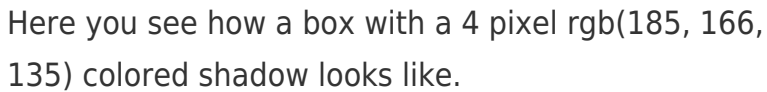
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 166, 135) }
```


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

```
.border{ border-color:rgb(185, 166, 135) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 166, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 166, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 166, 135);  
box-shadow:4px 4px 4px 4px rgb(185, 166,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0170, 39.3360, 28.5106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 166, 135) }
```

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

```
.background{ background-color: rgb(185,  
166, 135) }
```

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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