

Converting Colors

XYZ(38.5840, 41.9713, 28.8693)

Have a look what the booklet for
XYZ(38.5840, 41.9713, 28.8693)
contains.

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Color

**XYZ(38.5653, 41.8451,
28.9660)**

Conversions

Conversions Part 1

Format	Color
Hex	B5AE87
RGB	181, 174, 135
RGB Percent	71%, 68%, 53%
CMY	0.2902, 0.3176, 0.4706
CMYK	0.00, 0.04, 0.25, 0.29
HSL	51°, 24%, 62%
HSV	51°, 25%, 71%
XYZ	38.5653, 41.8451, 28.9660
YIQ	171.6470, 16.6910, -10.6450

Conversions

Conversions Part 2

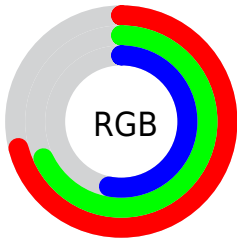
Format	Color
R_{YB}	143, 181, 135
Decimal	11906695
CIE _{Lab}	70.76, -3.82, 20.96
CIE _{LCh}	71, 21.310, 100.334
Yxy	41.8451, 0.3526, 0.3826
Android (android.graphics.Color)	4290096775 (0xFFB5AE87)
YUV	171.6470, -18.0670, 8.2026
Hunter-Lab	64.6878, -6.7862, 18.7325

Details

The XYZ color **38.5653, 41.8451, 28.9660** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.0051, 27.8325, 47.6125**, and the grayscale version is **39.1176, 41.1548, 44.8176**.

A 20% lighter version of the original color is **72.0215, 77.6740, 58.7736**, and **17.5013, 19.1641, 11.3710** is the 20% darker color. If you saturate the color by 10%, you get **36.8718, 40.3269, 22.6398**, and if you desaturate by 10%, it is **40.4886, 43.4756, 36.4387**.

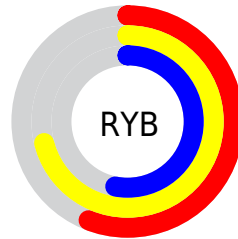
Distribution



Red (71%)

Green (68%)

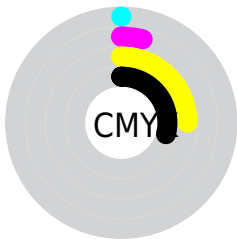
Blue (53%)



Red (56%)

Yellow (71%)

Blue (53%)

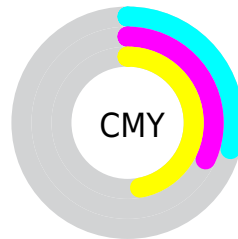


Cyan (0%)

Magenta (4%)

Yellow (25%)

Black (29%)



Cyan (29%)

Magenta (32%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5653, 41.8451, 28.9660 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 38.5653, 41.8451, 28.9660 by changing the saturation by 10% instead.

■ 38.5653, 41.8451,
28.9660

■ 38.5653, 41.8451,
28.9660

331.2779,
353.8404, 311.1104

■ 26.6009, 28.9800,
18.8097

■ 72.2721, 77.9651,
59.0646

■ 17.4088, 19.0657,
11.3575

■ 94.7452, 101.9889,
79.8440

■ 10.6235, 11.7178,
6.1906

■ 121.4520,
130.5010, 105.0016

■ 5.8797, 6.5518,
2.8907

152.7578,
163.8858, 134.9558

■ 2.8120, 3.1834,
1.0391

189.0279,
202.5278, 170.1253

■ 1.0551, 1.2282,
0.0000

230.6277,

■ 0.0000, 0.0846,

246.8113, 210.9285

0.0000

277.9226,
297.1207, 257.7841

■ 0.0000, 0.0000,
0.0000

■ 38.5653, 41.8451,
28.9660

■ 38.5653, 41.8451,
28.9660

■ 36.8718, 40.3269,
22.6398

■ 40.4886, 43.4756,
36.4387

■ 35.3937, 38.9107,
17.3998

■ 42.6487, 45.2169,
45.1089

■ 34.1203, 37.5936,
13.1840

■ 45.0561, 47.0748,
55.0277

■ 33.0383, 36.3702,
9.9233

■ 47.7201, 49.0531,
66.2424

■ 32.1328, 35.2345,
7.5399

■ 50.6492, 51.1552,
78.7981

■ 31.3868, 34.1794,
5.9440

■ 53.8515, 53.3846,
92.7374

■ 30.7789, 33.1965,
5.0237

■ 56.2368, 55.3052,
102.3187

■ 30.5248, 32.7611,
4.7147

■ 56.8522, 56.5359,
102.5238

■ 57.4790, 57.7895,
102.7328

Harmonies

Analogous

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



42.1047, 41.8451, 29.5764



38.5653, 41.8451, 28.9660



35.5323, 41.8451, 32.2731

Triad

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



38.5653, 41.8451, 28.9660



34.8118, 41.8451, 59.3625



46.5244, 41.8451, 52.4340

Complementary

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



38.5653, 41.8451, 28.9660



28.0051, 27.8325, 47.6125

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.



44.3373, 41.8451, 62.0747



38.5653, 41.8451, 28.9660



37.5281, 41.8451, 66.4671

Square

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



38.5653, 41.8451, 28.9660



33.4520, 41.8451, 49.1452



41.0047, 41.8451, 67.5272



46.8429, 41.8451, 42.1578

Rectangle

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



38.5653, 41.8451, 28.9660



34.1526, 41.8451, 36.5887



41.0047, 41.8451, 67.5272



45.9774, 41.8451, 55.8946

Sweetspot

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



38.5664, 41.8470, 28.9669



75.2870, 80.1134, 76.3473



32.6532, 29.1253, 29.7557



16.1454, 17.2139, 15.9904



86.6293, 91.1408, 99.2523



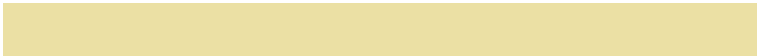
17.0014, 17.8868, 19.4787

Same Dimension

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



38.5664, 41.8470, 28.9669



67.4774, 73.5378, 45.8640



36.5535, 42.8684, 29.2701



9.0848, 9.6821, 9.0425



21.0837, 22.6659, 3.2637



0.6931, 0.7725, 0.1126

Inverse Universe

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



28.0051, 27.8325, 47.6125



45.6081, 44.5214, 84.4843



29.6441, 27.1804, 47.4003



8.1429, 8.4319, 10.7047



6.0616, 2.9235, 30.3818



0.2230, 0.1566, 0.9667

Previews

White Background



This preview shows how the XYZ color 38.5653, 41.8451, 28.9660 looks on a white background.

Color Contrast Check

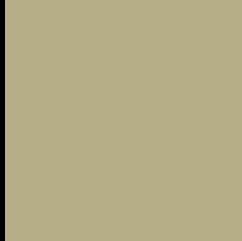
Large Text (above 18pt) WCAG AA × Fail

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 38.5653, 41.8451, 28.9660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

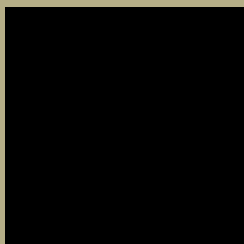
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

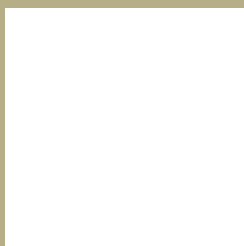
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5653, 41.8451, 28.9660

Background



This preview shows how black text looks on a background with the XYZ color 38.5653, 41.8451, 28.9660.



This preview shows how white text looks on a background with the XYZ color 38.5653, 41.8451,

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

38.5653, 41.8451, 28.9660

Protanopia

39.2542, 41.9227, 28.5772

Deuteranopia

42.5087, 41.6351, 29.4628



Tritanopia

42.8366, 41.9063, 49.5470

Trichromacy



Original Color

38.5653, 41.8451, 28.9660

Protanomaly

39.0138, 41.7987, 28.5660

Deuteranomaly

40.8800, 41.6228, 29.1720

Tritanomaly

41.0831, 41.7441, 41.0141

Monochromacy



Original Color

38.5653, 41.8451, 28.9660

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.8808, 41.5043, 38.7628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5653, 41.8451, 28.9660 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(181, 174, 135)` looks like.

```
.text, #text, p{  
    color:rgb(181, 174, 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(181, 174, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 174, 135) }
```

Border

The CSS property to change the border of an element to XYZ 38.5653, 41.8451, 28.9660 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(181, 174, 135) }
```


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

```
.border{ border-color:rgb(181, 174, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 174, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 174, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 174, 135);  
box-shadow:4px 4px 4px 4px rgb(181, 174,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5653, 41.8451, 28.9660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 174, 135) }
```

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

```
.background{ background-color: rgb(181,  
174, 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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