

Converting Colors

XYZ(38.0797, 33.5731, 26.8451)

Have a look what the booklet for
XYZ(38.0797, 33.5731, 26.8451)
contains.

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Color

**XYZ(38.0635, 33.4847,
27.0113)**

Conversions

Conversions Part 1

Format	Color
Hex	C98E86
RGB	201, 142, 134
RGB Percent	79%, 56%, 53%
CMY	0.2118, 0.4431, 0.4745
CMYK	0.00, 0.29, 0.33, 0.21
HSL	7°, 38%, 66%
HSV	7°, 33%, 79%
XYZ	38.0635, 33.4847, 27.0113
YIQ	158.7290, 37.7320, 10.0200

Conversions

Conversions Part 2

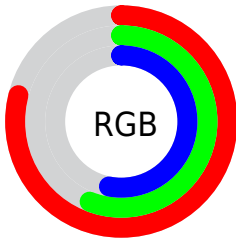
Format	Color
R _Y B	201, 143, 134
Decimal	13209222
CIE Lab	64.55, 21.34, 13.21
CIE LCh	65, 25.102, 31.762
Yxy	33.4847, 0.3862, 0.3397
Android (android.graphics.Color)	4291399302 (0xFFC98E86)
YUV	158.7290, -12.1914, 37.0717
Hunter-Lab	57.8660, 16.1496, 12.8302

Details

The XYZ color **38.0635, 33.4847, 27.0113** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.4436, 47.4239, 62.3334**, and the grayscale version is **32.8734, 34.5854, 37.6635**.

A 20% lighter version of the original color is **69.9496, 64.3277, 55.7435**, and **17.0184, 14.1420, 10.2202** is the 20% darker color. If you saturate the color by 10%, you get **34.3652, 28.1224, 19.5070**, and if you desaturate by 10%, it is **42.4482, 39.7931, 36.0596**.

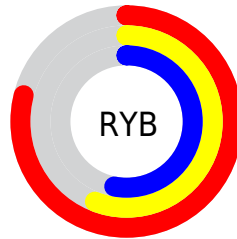
Distribution



Red (79%)

Green (56%)

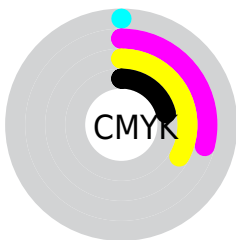
Blue (53%)



Red (79%)

Yellow (56%)

Blue (53%)

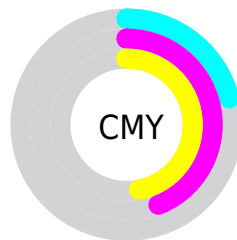


Cyan (0%)

Magenta (29%)

Yellow (33%)

Black (21%)



Cyan (21%)


Magenta (44%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.0635, 33.4847, 27.0113 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 38.0635, 33.4847, 27.0113 by changing the saturation by 10% instead.


 38.0635, 33.4847,
27.0113


 38.0635, 33.4847,
27.0113


329.1684,
317.8282, 301.4737


 26.2094, 22.4980,
17.3492


 71.5087, 65.1315,
55.9060

 17.1139, 14.2233,
10.3192

 93.8306, 86.5605,
75.9756

 10.4115, 8.2761,
5.5027


 120.3724,
112.2389, 100.3515

 5.7370, 4.2721,
2.4813

151.4995,
142.5513, 129.4522

 2.7250, 1.8269,
0.8302

187.5774,
177.8821, 163.6962

 1.0100, 0.5039,
0.0000

228.9712,

 0.0000, 0.0000,

218.6155, 203.5021

0.0000

276.0465,
265.1361, 249.2884

■ 38.0635, 33.4847,
27.0113

■ 38.0635, 33.4847,
27.0113

■ 34.3652, 28.1224,
19.5070

■ 42.4482, 39.7931,
36.0596

■ 31.3158, 23.6558,
13.4584

■ 47.5489, 47.0850,
46.7295

■ 28.8782, 20.0375,
8.7715

■ 53.3968, 55.4019,
59.0958

■ 27.0106, 17.2133,
5.3400

■ 60.0205, 64.7813,
73.2280

■ 25.6656, 15.1232,
3.0423

■ 67.4469, 75.2588,
89.1916

■ 24.7879, 13.6980,
1.7320

■ 75.7017, 86.8686,
107.0490

■ 24.4144, 13.0713,
1.2362

■ 77.8975, 91.1576,
108.0973

Harmonies

Analogous

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



39.2365, 33.4847, 35.8545



38.0635, 33.4847, 27.0113



35.2052, 33.4847, 21.6686

Triad

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



38.0635, 33.4847, 27.0113



26.1239, 33.4847, 27.8827



32.0390, 33.4847, 60.0040

Complementary

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



38.0635, 33.4847, 27.0113



39.4436, 47.4239, 62.3334

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.



28.6707, 33.4847, 56.7964



38.0635, 33.4847, 27.0113



25.4131, 33.4847, 37.0705

Square

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



38.0635, 33.4847, 27.0113



28.3291, 33.4847, 22.1012



26.3105, 33.4847, 47.8872



35.5999, 33.4847, 55.9833

Rectangle

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



38.0635, 33.4847, 27.0113



32.8255, 33.4847, 20.1849



26.3105, 33.4847, 47.8872



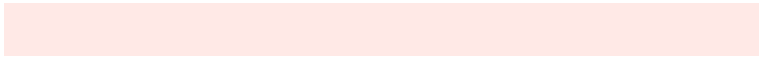
30.8474, 33.4847, 59.7332

Sweetspot

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



38.0644, 33.4863, 27.0120



84.4634, 84.9664, 86.4437



42.2589, 33.3265, 54.7650



17.7833, 17.7657, 17.8795



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



38.0644, 33.4863, 27.0120



60.4783, 50.5370, 36.7041



43.7824, 44.9224, 28.9180



10.7343, 10.8376, 11.0889



15.3866, 8.2904, 0.7892



0.7634, 0.4623, 0.0490

Inverse Universe

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



39.4436, 47.4239, 62.3334



63.1821, 77.9828, 106.3299



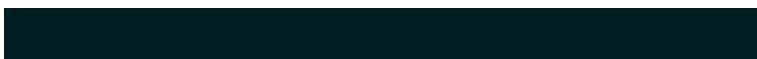
32.8905, 34.3177, 60.1490



10.8344, 11.8429, 13.6324



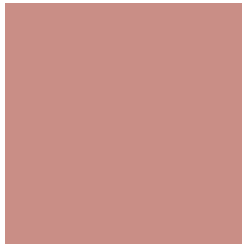
16.5573, 22.5085, 38.2163



0.8153, 1.1284, 1.8200

Previews

White Background



This preview shows how the XYZ color 38.0635, 33.4847, 27.0113 looks on a white background.

Color Contrast Check

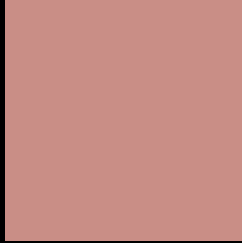
Large Text (above 18pt) WCAG AA × Fail

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 38.0635, 33.4847, 27.0113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

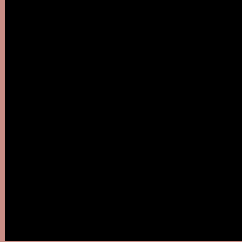
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.0635, 33.4847, 27.0113

Background



This preview shows how black text looks on a background with the XYZ color 38.0635, 33.4847, 27.0113.



This preview shows how white text looks on a background with the XYZ color 38.0635, 33.4847,

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

38.0635, 33.4847, 27.0113

Protanopia

31.8004, 33.4866, 29.9868

Deuteranopia

34.2875, 33.6229, 26.5125



Tritanopia

39.5117, 33.6547, 33.2677

Trichromacy



Original Color

38.0635, 33.4847, 27.0113

Protanomaly

33.7855, 33.3153, 28.6946

Deuteranomaly

35.5626, 33.5646, 26.7946

Tritanomaly

38.9160, 33.6199, 30.8238

Monochromacy



Original Color

38.0635, 33.4847, 27.0113

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

34.3518, 33.9831, 33.6030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0635, 33.4847, 27.0113 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(201, 142, 134)` looks like.

```
.text, #text, p{  
    color:rgb(201, 142, 134)  
}
```

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(201, 142, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 142, 134) }
```

Border

The CSS property to change the border of an element to XYZ 38.0635, 33.4847, 27.0113 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(201, 142, 134) }
```


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

```
.border{ border-color:rgb(201, 142, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 142, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 142, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 142, 134);  
box-shadow:4px 4px 4px 4px rgb(201, 142,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0635, 33.4847, 27.0113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 142, 134) }
```

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

```
.background{ background-color: rgb(201,  
142, 134) }
```

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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