

Converting Colors

XYZ(34.4528, 38.1235, 27.6164)

Have a look what the booklet for
XYZ(34.4528, 38.1235, 27.6164)
contains.

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Color

**XYZ(34.3847, 38.0235,
27.7173)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A885
RGB	168, 168, 133
RGB Percent	66%, 66%, 52%
CMY	0.3412, 0.3412, 0.4784
CMYK	0.00, 0.00, 0.21, 0.34
HSL	60°, 17%, 59%
HSV	60°, 21%, 66%
XYZ	34.3847, 38.0235, 27.7173
YIQ	164.0100, 11.2350, -10.8850

Conversions

Conversions Part 2

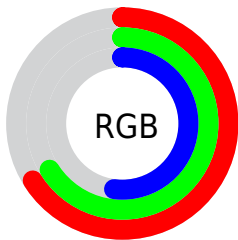
Format	Color
RYB	133, 168, 133
Decimal	11053189
CIELab	68.04, -5.96, 18.14
CIElCh	68, 19.094, 108.197
Yxy	38.0235, 0.3434, 0.3798
Android (android.graphics.Color)	4289243269 (0xFFA8A885)
YUV	164.0100, -15.2879, 3.4992
Hunter-Lab	61.6632, -8.3752, 16.5137

Details

The XYZ color **34.3847, 38.0235, 27.7173** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.1297, 24.5897, 40.4697**, and the grayscale version is **35.3589, 37.2003, 40.5111**.

A 20% lighter version of the original color is **65.6820, 72.0085, 56.8916**, and **15.0092, 16.8283, 10.6407** is the 20% darker color. If you saturate the color by 10%, you get **33.3157, 37.5971, 22.0854**, and if you desaturate by 10%, it is **35.6414, 38.5275, 34.3286**.

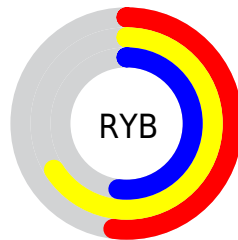
Distribution



Red (66%)

Green (66%)

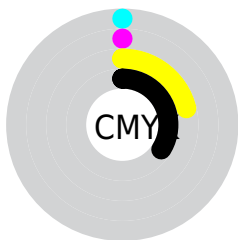
Blue (52%)



Red (52%)

Yellow (66%)

Blue (52%)

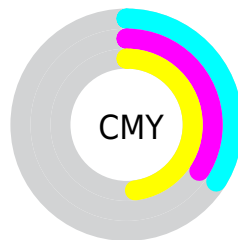


Cyan (0%)

Magenta (0%)

Yellow (21%)

Black (34%)



Cyan (34%)

Magenta (34%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3847, 38.0235, 27.7173 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 34.3847, 38.0235, 27.7173 by changing the saturation by 10% instead.

■ 34.3847, 38.0235,
27.7173

■ 34.3847, 38.0235,
27.7173

313.3998,
337.7208, 304.9829

■ 23.3536, 26.0009,
17.8755

■ 65.8718, 72.1442,
57.0504

■ 14.9769, 16.8243,
10.6921

■ 87.0585, 95.0110,
77.3788

■ 8.8894, 10.1093,
5.7486

■ 112.3610,
122.2615, 102.0398

■ 4.7256, 5.4715,
2.6265

142.1449,
154.2798, 131.4520

■ 2.1203, 2.5265,
0.9061

176.7753,
191.4506, 166.0338

■ 0.7002, 0.8899,
0.0000

216.6177,

■ 0.0000, 0.0000,

234.1580, 206.2039

0.0000

262.0374,
282.7866, 252.3808

■ 34.3847, 38.0235,
27.7173

■ 34.3847, 38.0235,
27.7173

■ 33.3157, 37.5971,
22.0854

■ 35.6414, 38.5275,
34.3286

■ 32.4225, 37.2398,
17.3842

■ 37.0910, 39.1074,
41.9603

■ 31.6967, 36.9495,
13.5643

■ 38.7423, 39.7680,
50.6539

■ 31.1279, 36.7219,
10.5708

■ 40.6026, 40.5121,
60.4478

■ 30.7044, 36.5525,
8.3427

■ 42.6787, 41.3426,
71.3786

■ 30.4131, 36.4359,
6.8106

■ 44.9774, 42.2621,
83.4812

■ 30.2384, 36.3660,
5.8926

■ 47.5049, 43.2732,
96.7890

■ 30.1489, 36.3301,
5.4234

■ 48.2050, 43.5533,
100.4737

■ 48.2054, 43.5535,
100.4737

Harmonies

Analogous

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



37.3219, 38.0235, 27.3573



34.3847, 38.0235, 27.7173



32.0451, 38.0235, 31.4211

Triad

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



34.3847, 38.0235, 27.7173



32.4629, 38.0235, 54.8401



42.0281, 38.0235, 44.8403

Complementary

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



34.3847, 38.0235, 27.7173



25.1297, 24.5897, 40.4697

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.



40.5701, 38.0235, 53.2980



34.3847, 38.0235, 27.7173



34.9837, 38.0235, 59.5784

Square

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



34.3847, 38.0235, 27.7173



30.9782, 38.0235, 46.7256



37.9544, 38.0235, 58.9782



41.8460, 38.0235, 36.4973

Rectangle

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



34.3847, 38.0235, 27.7173



31.0894, 38.0235, 35.6145



37.9544, 38.0235, 58.9782



41.7104, 38.0235, 47.7829

Sweetspot

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



34.3857, 38.0252, 27.7181



65.8710, 70.3893, 68.5977



28.7708, 26.7942, 25.8463



14.3221, 15.3278, 14.7675



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



34.3857, 38.0252, 27.7181



61.4557, 68.6230, 45.3538



30.9076, 36.2321, 27.5553



8.1468, 8.7738, 8.0534



22.7660, 27.4336, 4.0953



0.5539, 0.6675, 0.0996

Inverse Universe

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



25.1297, 24.5897, 40.4697



41.5956, 39.7953, 72.7140



28.1264, 26.1346, 40.6099



7.1319, 7.3006, 9.4516



5.3376, 2.1351, 28.1063



0.1299, 0.0520, 0.6838

Previews

White Background



This preview shows how the XYZ color 34.3847, 38.0235, 27.7173 looks on a white background.

Color Contrast Check

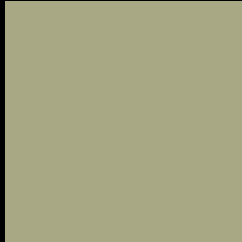
Large Text (above 18pt) WCAG AA × Fail

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 34.3847, 38.0235, 27.7173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

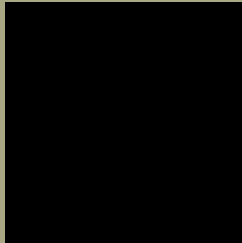
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

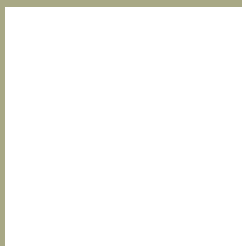
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.3847, 38.0235, 27.7173

Background



This preview shows how black text looks on a background with the XYZ color 34.3847, 38.0235, 27.7173.



This preview shows how white text looks on a background with the XYZ color 34.3847, 38.0235,

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

34.3847, 38.0235, 27.7173

Protanopia

35.5245, 37.8063, 27.2548

Deuteranopia

38.5095, 37.7520, 28.1789



Tritanopia

38.1138, 37.9345, 45.8707

Trichromacy



Original Color

34.3847, 38.0235, 27.7173

Protanomaly

35.0347, 37.8226, 27.2838

Deuteranomaly

36.7518, 37.6292, 27.8804

Tritanomaly

36.6339, 37.8596, 38.6345

Monochromacy



Original Color

34.3847, 38.0235, 27.7173

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.7220, 37.2095, 35.4891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3847, 38.0235, 27.7173 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(168, 168, 133)` looks like.

```
.text, #text, p{  
    color:rgb(168, 168, 133)  
}
```

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(168, 168, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 168, 133) }
```

Border

The CSS property to change the border of an element to XYZ 34.3847, 38.0235, 27.7173 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(168, 168, 133) }
```


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

```
.border{ border-color:rgb(168, 168, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 168, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 168, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 168, 133);  
box-shadow:4px 4px 4px 4px rgb(168, 168,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3847, 38.0235, 27.7173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 168, 133) }
```

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

```
.background{ background-color: rgb(168,  
168, 133) }
```

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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