

Converting Colors

XYZ(34.5509, 38.0319, 31.6748)

Have a look what the booklet for
XYZ(34.5509, 38.0319, 31.6748)
contains.

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Color

**XYZ(34.4776, 37.9878,
31.5018)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A88F
RGB	165, 168, 143
RGB Percent	65%, 66%, 56%
CMY	0.3529, 0.3412, 0.4392
CMYK	0.02, 0.00, 0.15, 0.34
HSL	67°, 13%, 61%
HSV	67°, 15%, 66%
XYZ	34.4776, 37.9878, 31.5018
YIQ	164.2530, 6.2370, -8.4110

Conversions

Conversions Part 2

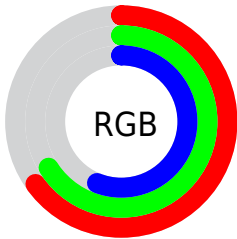
Format	Color
RYB	143, 168, 146
Decimal	10856591
CIELab	68.01, -5.53, 12.57
CIELCh	68, 13.732, 113.743
Yxy	37.9878, 0.3316, 0.3654
Android (android.graphics.Color)	4289046671 (0xFFA5A88F)
YUV	164.2530, -10.4777, 0.6551
Hunter-Lab	61.6342, -8.0088, 12.8403

Details

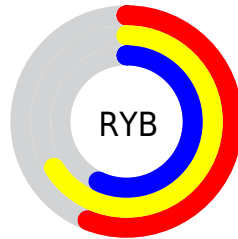
The XYZ color **34.4776, 37.9878, 31.5018** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.7459, 28.5841, 41.0501**, and the grayscale version is **35.4542, 37.3006, 40.6204**.

A 20% lighter version of the original color is **65.9809, 72.0222, 63.2474**, and **15.0312, 16.7918, 12.8048** is the 20% darker color. If you saturate the color by 10%, you get **32.8829, 37.3031, 25.2738**, and if you desaturate by 10%, it is **36.2716, 38.7556, 38.7357**.

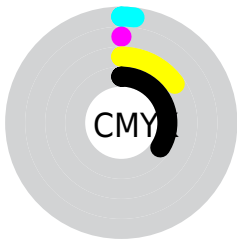
Distribution



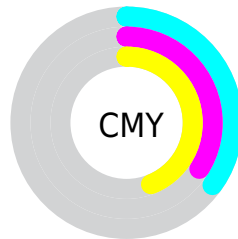
- Red (65%)
- Green (66%)
- Blue (56%)



- Red (56%)
- Yellow (66%)
- Blue (57%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (34%)



- Cyan (35%)
- Magenta (34%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4776, 37.9878, 31.5018 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 34.4776, 37.9878, 31.5018 by changing the saturation by 10% instead.

■ 34.4776, 37.9878,
31.5018

■ 34.4776, 37.9878,
31.5018

313.8050,
337.5676, 323.2660

■ 23.4254, 25.9732,
20.7196

■ 66.0151, 72.0894,
63.1181

■ 15.0303, 16.8036,
12.7299

■ 87.2310, 94.9453,
84.7892

■ 8.9271, 10.0946,
7.1143

112.5656,
122.1837, 110.9270

■ 4.7504, 5.4617,
3.4542

142.3841,
154.1890, 141.9501

■ 2.1348, 2.5206,
1.3310

177.0519,
191.3457, 178.2770

■ 0.7080, 0.8869,
0.0870

216.9345,

■ 0.0000, 0.0000,

234.0381, 220.3263

0.0000

262.3970,
282.6506, 268.5164

■ 34.4776, 37.9878,
31.5018

■ 34.4776, 37.9878,
31.5018

■ 32.8829, 37.3031,
25.2738

■ 36.2716, 38.7556,
38.7357

■ 31.4760, 36.6929,
20.0048

■ 38.2698, 39.6045,
47.0148

■ 30.2488, 36.1555,
15.6477

■ 40.4808, 40.5393,
56.3792

■ 29.1914, 35.6866,
12.1507

■ 42.9116, 41.5628,
66.8662

■ 28.2929, 35.2821,
9.4565

■ 45.5690, 42.6778,
78.5115

■ 27.5411, 34.9371,
7.5011

■ 48.4595, 43.8868,
91.3489

■ 26.9219, 34.6458,
6.2108

■ 50.6737, 44.8260,
100.5892

■ 26.4182, 34.4015,
5.4947

■ 51.1441, 45.0685,
100.6112

■ 26.1837, 34.2860,
5.2378

■ 51.6214, 45.3145,
100.6336

Harmonies

Analogous

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



36.5558, 37.9878, 30.7362



34.4776, 37.9878, 31.5018



32.8944, 37.9878, 34.7880

Triad

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



34.4776, 37.9878, 31.5018



33.7311, 37.9878, 51.5915



40.3451, 37.9878, 42.6577

Complementary

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



34.4776, 37.9878, 31.5018



28.7459, 28.5841, 41.0501

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.



39.5207, 37.9878, 48.7166



34.4776, 37.9878, 31.5018



35.6604, 37.9878, 54.1922

Square

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



34.4776, 37.9878, 31.5018



32.4754, 37.9878, 46.2817



37.7854, 37.9878, 53.0915



39.9981, 37.9878, 36.8044

Rectangle

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



34.4776, 37.9878, 31.5018



32.3049, 37.9878, 38.1557



37.7854, 37.9878, 53.0915



40.1948, 37.9878, 44.7436

Sweetspot

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



34.4786, 37.9895, 31.5026



66.0957, 70.4426, 71.4314



31.3737, 30.8411, 30.2865



14.3511, 15.3300, 15.3440



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.



34.4786, 37.9895, 31.5026



61.5249, 68.4881, 53.0640



32.0203, 36.7222, 31.3876



8.0568, 8.7274, 8.0492



19.8003, 25.9047, 3.9565



0.5058, 0.6427, 0.0974

Inverse Universe

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



28.7459, 28.5841, 41.0501



49.0155, 47.9633, 73.8995



31.0742, 29.7844, 41.1591



7.2124, 7.3421, 9.4554



5.5825, 2.2613, 28.1177



0.1605, 0.0678, 0.6853

Previews

White Background



This preview shows how the XYZ color 34.4776, 37.9878, 31.5018 looks on a white background.

Color Contrast Check

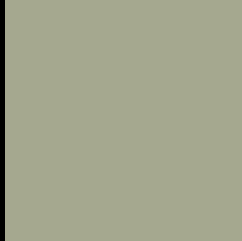
Large Text (above 18pt) WCAG AA × Fail

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 34.4776, 37.9878, 31.5018 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

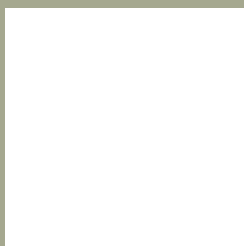
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.4776, 37.9878, 31.5018

Background



This preview shows how black text looks on a background with the XYZ color 34.4776, 37.9878, 31.5018.



This preview shows how white text looks on a background with the XYZ color 34.4776, 37.9878,

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

34.4776, 37.9878, 31.5018

Protanopia

35.7932, 37.8619, 31.0128

Deuteranopia

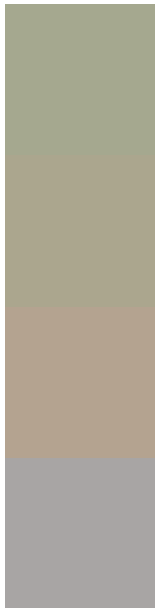
38.6679, 38.0048, 32.0857



Tritanopia

37.5112, 37.8750, 46.4079

Trichromacy



Original Color

34.4776, 37.9878, 31.5018

Protanomaly

35.3133, 37.8834, 31.0422

Deuteranomaly

36.9536, 37.9113, 31.7555

Tritanomaly

36.3044, 37.9154, 40.5269

Monochromacy



Original Color

34.4776, 37.9878, 31.5018

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.7657, 37.2031, 36.8011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4776, 37.9878, 31.5018 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(165, 168, 143)` looks like.

```
.text, #text, p{  
    color:rgb(165, 168, 143)  
}
```

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(165, 168, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 168, 143) }
```

Border

The CSS property to change the border of an element to XYZ 34.4776, 37.9878, 31.5018 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(165, 168, 143) }
```


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

```
.border{ border-color:rgb(165, 168, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 168, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 168, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 168, 143);  
box-shadow:4px 4px 4px 4px rgb(165, 168,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4776, 37.9878, 31.5018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 168, 143) }
```

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

```
.background{ background-color: rgb(165,  
168, 143) }
```

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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