

Converting Colors

XYZ(34.5408, 38.4487, 33.3686)

Have a look what the booklet for
XYZ(34.5408, 38.4487, 33.3686)
contains.

XYZ(34.5415, 38.5374, 33.2217)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.5415, 38.5374,
33.2217)**

Conversions

Conversions Part 1

Format	Color
Hex	A2AA93
RGB	162, 170, 147
RGB Percent	64%, 67%, 58%
CMY	0.3647, 0.3333, 0.4235
CMYK	0.05, 0.00, 0.14, 0.33
HSL	81°, 12%, 62%
HSV	81°, 14%, 67%
XYZ	34.5415, 38.5374, 33.2217
YIQ	164.9860, 2.6150, -8.8490

Conversions

Conversions Part 2

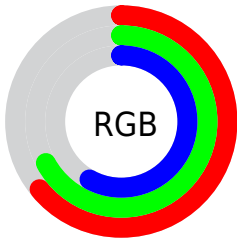
Format	Color
RYB	147, 170, 155
Decimal	10660499
CIELab	68.41, -7.05, 10.90
CIELCh	68, 12.979, 122.882
Yxy	38.5374, 0.3249, 0.3625
Android (android.graphics.Color)	4288850579 (0xFFA2AA93)
YUV	164.9860, -8.8671, -2.6187
Hunter-Lab	62.0785, -9.3170, 11.7255

Details

The XYZ color **34.5415, 38.5374, 33.2217** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.2084, 30.7393, 42.3206**, and the grayscale version is **35.7986, 37.6630, 41.0150**.

A 20% lighter version of the original color is **66.0831, 72.8192, 65.8309**, and **15.0202, 17.1164, 13.5785** is the 20% darker color. If you saturate the color by 10%, you get **32.1318, 37.4392, 26.6524**, and if you desaturate by 10%, it is **37.2070, 39.7470, 40.8337**.

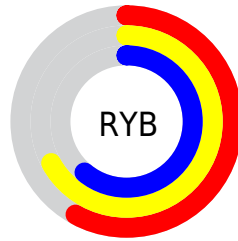
Distribution



Red (64%)

Green (67%)

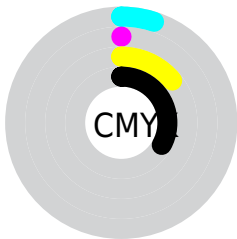
Blue (58%)



Red (58%)

Yellow (67%)

Blue (61%)

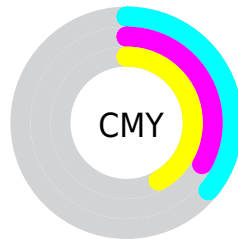


Cyan (5%)

Magenta (0%)

Yellow (14%)

Black (33%)



Cyan (36%)

Magenta (33%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5415, 38.5374, 33.2217 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 34.5415, 38.5374, 33.2217 by changing the saturation by 10% instead.

■ 34.5415, 38.5374,
33.2217

■ 34.5415, 38.5374,
33.2217

314.0835,
339.9197, 331.3101

■ 23.4748, 26.4000,
22.0238

■ 66.1136, 72.9311,
65.8415

■ 15.0671, 17.1232,
13.6759

■ 87.3496, 95.9562,
88.1005

■ 8.9531, 10.3223,
7.7594

112.7062,
123.3794, 114.8836

■ 4.7675, 5.6132,
3.8559

142.5485,
155.5850, 146.6094

■ 2.1448, 2.6113,
1.5466

177.2421,
192.9574, 183.6965

■ 0.7134, 0.9324,
0.2523

217.1522,

■ 0.0000, 0.0000,

235.8811, 226.5632

0.0000

262.6442,
284.7404, 275.6283

■ 34.5415, 38.5374,
33.2217

■ 34.5415, 38.5374,
33.2217

■ 32.1318, 37.4392,
26.6524

■ 37.2070, 39.7470,
40.8337

■ 29.9654, 36.4435,
21.0779

■ 40.1340, 41.0665,
49.5286

■ 28.0333, 35.5479,
16.4503

■ 43.3320, 42.5011,
59.3473

■ 26.3246, 34.7480,
12.7167

■ 46.8088, 44.0540,
70.3282

■ 24.8276, 34.0388,
9.8189

■ 50.5722, 45.7284,
82.5075

■ 23.5290, 33.4151,
7.6922

■ 54.6293, 47.5273,
95.9201

■ 22.4139, 32.8707,
6.2619

■ 57.1644, 48.7243,
100.9996

■ 21.4645, 32.3985,
5.4388

■ 58.8104, 49.5729,
101.0766

■ 20.9130, 32.1212,
5.0978

■ 60.5186, 50.4535,
101.1566

Harmonies

Analogous

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



36.4319, 38.5374, 31.7179



34.5415, 38.5374, 33.2217



33.2494, 38.5374, 37.0489

Triad

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



34.5415, 38.5374, 33.2217



34.8708, 38.5374, 52.7666



40.6846, 38.5374, 41.3987

Complementary

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



34.5415, 38.5374, 33.2217



31.2084, 30.7393, 42.3206

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.



40.2294, 38.5374, 47.2885



34.5415, 38.5374, 33.2217



36.8261, 38.5374, 54.2006

Square

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



34.5415, 38.5374, 33.2217



33.4345, 38.5374, 48.3552



38.7982, 38.5374, 52.1117



40.0200, 38.5374, 36.1563

Rectangle

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



34.5415, 38.5374, 33.2217



32.8751, 38.5374, 40.5850



38.7982, 38.5374, 52.1117



40.6575, 38.5374, 43.3671

Sweetspot

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



34.5425, 38.5391, 33.2225



67.2307, 71.9890, 73.2867



33.5113, 33.9858, 32.3980



14.9099, 16.0164, 16.1027



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



34.5425, 38.5391, 33.2225



61.4183, 69.3515, 56.8010



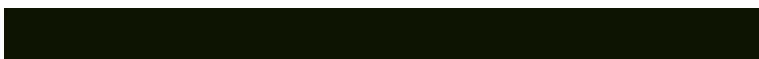
32.3740, 37.4211, 33.1210



7.8897, 8.6412, 8.0414



15.4448, 23.6593, 3.7527



0.4277, 0.6024, 0.0937

Inverse Universe

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



31.2084, 30.7393, 42.3206



54.2729, 52.6347, 76.3009



33.4516, 31.8957, 42.4256



7.3688, 7.4227, 9.4627



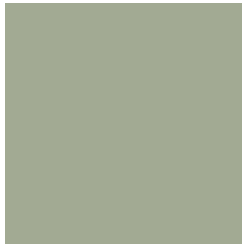
6.7258, 2.8507, 28.1712



0.2187, 0.0977, 0.6880

Previews

White Background



This preview shows how the XYZ color 34.5415, 38.5374, 33.2217 looks on a white background.

Color Contrast Check

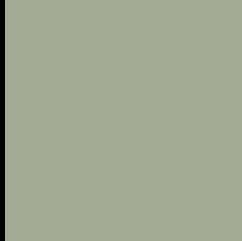
Large Text (above 18pt) WCAG AA × Fail

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 34.5415, 38.5374, 33.2217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

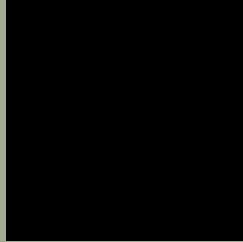
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

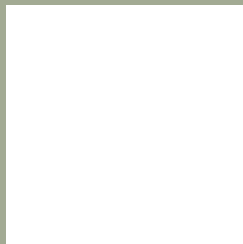
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.5415, 38.5374, 33.2217

Background



This preview shows how black text looks on a background with the XYZ color 34.5415, 38.5374, 33.2217.



This preview shows how white text looks on a background with the XYZ color 34.5415, 38.5374,

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

34.5415, 38.5374, 33.2217

Protanopia

36.4262, 38.4307, 32.2861

Deuteranopia

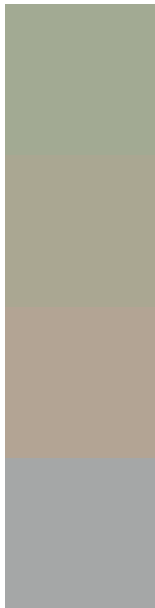
39.1560, 38.4785, 33.7971



Tritanopia

37.5282, 38.3804, 48.0780

Trichromacy



Original Color

34.5415, 38.5374, 33.2217

Protanomaly

35.5846, 38.2588, 32.7033

Deuteranomaly

37.2112, 38.2727, 33.4431

Tritanomaly

36.3108, 38.4268, 42.0625

Monochromacy



Original Color

34.5415, 38.5374, 33.2217

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.3001, 37.9986, 37.8217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5415, 38.5374, 33.2217 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(162, 170, 147)` looks like.

```
.text, #text, p{  
    color:rgb(162, 170, 147)  
}
```

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(162, 170, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 170, 147) }
```

Border

The CSS property to change the border of an element to XYZ 34.5415, 38.5374, 33.2217 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(162, 170, 147) }
```


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

```
.border{ border-color:rgb(162, 170, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 170, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 170, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 170, 147);  
box-shadow:4px 4px 4px 4px rgb(162, 170,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5415, 38.5374, 33.2217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 170, 147) }
```

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

```
.background{ background-color: rgb(162,  
170, 147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor