

Converting Colors

XYZ(34.4866, 39.2882, 36.3376)

Have a look what the booklet for
XYZ(34.4866, 39.2882, 36.3376)
contains.

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Color

**XYZ(34.4866, 39.2882,
36.3376)**

Conversions

Conversions Part 1

Format	Color
Hex	9CAD9A
RGB	156, 173, 154
RGB Percent	61%, 68%, 60%
CMY	0.3882, 0.3216, 0.3961
CMYK	0.10, 0.00, 0.11, 0.32
HSL	114°, 10%, 64%
HSV	114°, 11%, 68%
XYZ	34.4866, 39.2882, 36.3376
YIQ	165.7510, -4.0330, -9.5130

Conversions

Conversions Part 2

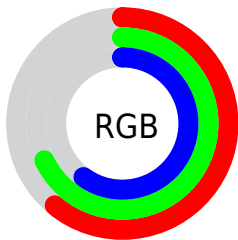
Format	Color
RYB	154, 173, 171
Decimal	10268058
CIELab	68.96, -9.58, 7.75
CIElCh	69, 12.328, 141.022
Yxy	39.2882, 0.3132, 0.3568
Android (android.graphics.Color)	4288458138 (0xFF9CAD9A)
YUV	165.7510, -5.7932, -8.5516
Hunter-Lab	62.6803, -11.4801, 9.5041

Details

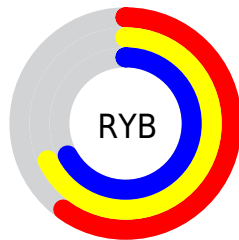
The XYZ color **34.4866, 39.2882, 36.3376** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.8947, 34.7874, 44.3601**, and the grayscale version is **36.1547, 38.0375, 41.4229**.

A 20% lighter version of the original color is **65.9925, 73.8898, 70.4585**, and **15.1113, 17.6573, 15.4437** is the 20% darker color. If you saturate the color by 10%, you get **30.3415, 37.3071, 29.1564**, and if you desaturate by 10%, it is **39.2234, 41.5526, 44.6322**.

Distribution



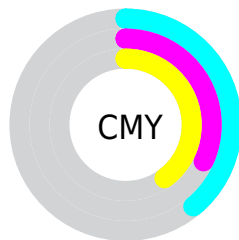
- Red (61%)
- Green (68%)
- Blue (60%)



- Red (60%)
- Yellow (68%)
- Blue (67%)



- Cyan (10%)
- Magenta (0%)
- Yellow (11%)
- Black (32%)



- Cyan (39%)
- Magenta (32%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4866, 39.2882, 36.3376 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 34.4866, 39.2882, 36.3376 by changing the saturation by 10% instead.

■ 34.4866, 39.2882,
36.3376

■ 34.4866, 39.2882,
36.3376

313.8442,
343.1142, 345.5157

■ 23.4323, 26.9840,
24.4033

■ 66.0289, 74.0784,
70.7277

■ 15.0355, 17.5612,
15.4181

■ 87.2477, 97.3332,
94.0206

■ 8.9308, 10.6354,
8.9635

112.5854,
125.0069, 121.9368

■ 4.7528, 5.8223,
4.6209

142.4073,
157.4841, 154.8948

■ 2.1362, 2.7373,
1.9718

177.0787,
195.1490, 193.3131

■ 0.7088, 0.9962,
0.5378

216.9651,

■ 0.0000, 0.0000,

238.3860, 237.6103

0.0000

262.4319,
287.5797, 288.2050

■ 34.4866, 39.2882,
36.3376

■ 34.4866, 39.2882,
36.3376

■ 30.3415, 37.3071,
29.1564

■ 39.2234, 41.5526,
44.6322

■ 26.7616, 35.5933,
23.0389

■ 44.5705, 44.1055,
54.0821

■ 23.7235, 34.1369,
17.9351

■ 50.5498, 46.9584,
64.7301

■ 21.2005, 32.9254,
13.7905

■ 57.1810, 50.1207,
76.6162

■ 19.1638, 31.9452,
10.5451

■ 64.4829, 53.6013,
89.7782

■ 17.5820, 31.1815,
8.1321

■ 72.0191, 57.2267,
101.8578

■ 16.4195, 30.6176,
6.4758

■ 74.2344, 58.3687,
101.9615

■ 15.6356, 30.2346,
5.4864

■ 15.1976, 30.0193,
4.9933

Harmonies

Analogous

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



36.0057, 39.2882, 33.4677



34.4866, 39.2882, 36.3376



33.7397, 39.2882, 41.1146

Triad

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



34.4866, 39.2882, 36.3376



36.7568, 39.2882, 54.3578



40.9743, 39.2882, 39.0196

Complementary

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



34.4866, 39.2882, 36.3376



35.8947, 34.7874, 44.3601

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.



41.1925, 39.2882, 44.4860



34.4866, 39.2882, 36.3376



38.7115, 39.2882, 53.6727

Square

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



34.4866, 39.2882, 36.3376



35.0199, 39.2882, 51.7357



40.3514, 39.2882, 49.9381



39.7651, 39.2882, 34.9193

Rectangle

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



34.4866, 39.2882, 36.3376



33.7615, 39.2882, 44.8764



40.3514, 39.2882, 49.9381



41.1676, 39.2882, 40.7464

Sweetspot

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



34.4877, 39.2899, 36.3385



68.4009, 73.5347, 76.6906



37.5901, 40.2633, 36.3628



14.7145, 15.9088, 16.4023



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.



34.4877, 39.2899, 36.3385



60.0066, 69.5233, 62.0217



34.7293, 39.3422, 39.6139



7.9798, 8.9782, 8.5257



11.1891, 22.0653, 3.6693



0.3356, 0.6264, 0.1032

Inverse Universe

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



35.8947, 34.7874, 44.3601



62.9947, 59.9601, 79.0591



35.6476, 34.7393, 40.7683



8.2528, 8.1046, 10.0821



15.4720, 7.3360, 29.6450



0.4537, 0.2161, 0.8258

Previews

White Background



This preview shows how the XYZ color 34.4866, 39.2882, 36.3376 looks on a white background.

Color Contrast Check

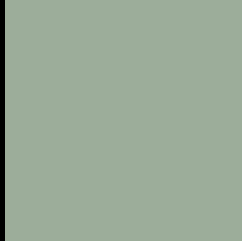
Large Text (above 18pt) WCAG AA × Fail

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 34.4866, 39.2882, 36.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

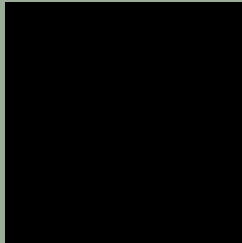
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

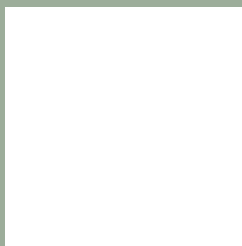
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.4866, 39.2882, 36.3376

Background



This preview shows how black text looks on a background with the XYZ color 34.4866, 39.2882, 36.3376.



This preview shows how white text looks on a background with the XYZ color 34.4866, 39.2882,

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

34.4866, 39.2882, 36.3376

Protanopia

37.0838, 38.9858, 34.8486

Deuteranopia

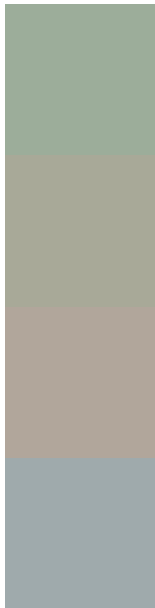
39.9073, 39.0598, 36.8884



Tritanopia

37.3294, 39.3304, 49.8800

Trichromacy



Original Color

34.4866, 39.2882, 36.3376

Protanomaly

36.0039, 38.9678, 35.3297

Deuteranomaly

37.6841, 38.9861, 36.5493

Tritanomaly

36.1192, 39.0989, 44.6729

Monochromacy



Original Color

34.4866, 39.2882, 36.3376

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.6098, 38.6660, 39.7689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4866, 39.2882, 36.3376 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(156, 173, 154)` looks like.

```
.text, #text, p{  
    color:rgb(156, 173, 154)  
}
```

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(156, 173, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 173, 154) }
```

Border

The CSS property to change the border of an element to XYZ 34.4866, 39.2882, 36.3376 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(156, 173, 154) }
```


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

```
.border{ border-color:rgb(156, 173, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 173, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 173, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 173, 154);  
box-shadow:4px 4px 4px 4px rgb(156, 173,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4866, 39.2882, 36.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 173, 154) }
```

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

```
.background{ background-color: rgb(156,  
173, 154) }
```

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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