

Converting Colors

XYZ(34.7816, 39.5833, 42.8529)

Have a look what the booklet for
XYZ(34.7816, 39.5833, 42.8529)
contains.

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Color

**XYZ(34.7816, 39.5833,
42.8529)**

Conversions

Conversions Part 1

Format	Color
Hex	96AEA8
RGB	150, 174, 168
RGB Percent	59%, 68%, 66%
CMY	0.4118, 0.3176, 0.3412
CMYK	0.14, 0.00, 0.03, 0.32
HSL	165°, 13%, 64%
HSV	165°, 14%, 68%
XYZ	34.7816, 39.5833, 42.8529
YIQ	166.1400, -12.3780, -6.9540

Conversions

Conversions Part 2

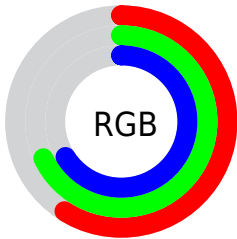
Format	Color
RYB	150, 164, 174
Decimal	9875112
CIELab	69.17, -9.48, 0.28
CIELCh	69, 9.488, 178.305
Yxy	39.5833, 0.2967, 0.3377
Android (android.graphics.Color)	4288065192 (0xFF96AEA8)
YUV	166.1400, 0.9170, -14.1548
Hunter-Lab	62.9153, -11.4211, 3.6570

Details

The XYZ color **34.7816, 39.5833, 42.8529** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.3641, 33.2127, 36.0538**, and the grayscale version is **36.3141, 38.2052, 41.6055**.

A 20% lighter version of the original color is **66.2404, 74.2037, 80.6435**, and **15.2575, 17.8327, 19.1609** is the 20% darker color. If you saturate the color by 10%, you get **31.4160, 37.8954, 40.6150**, and if you desaturate by 10%, it is **38.6385, 41.5250, 45.1863**.

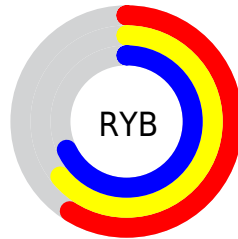
Distribution



Red (59%)

Green (68%)

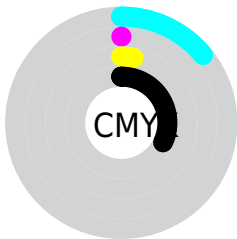
Blue (66%)



Red (59%)

Yellow (64%)

Blue (68%)

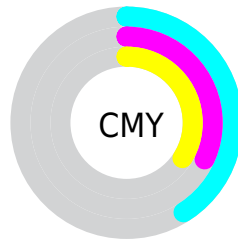


Cyan (14%)

Magenta (0%)

Yellow (3%)

Black (32%)



Cyan (41%)

Magenta (32%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7816, 39.5833, 42.8529 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 34.7816, 39.5833, 42.8529 by changing the saturation by 10% instead.

■ 34.7816, 39.5833,
42.8529

■ 34.7816, 39.5833,
42.8529

315.1282,
344.3641, 373.9099

■ 23.6604, 27.2138,
29.4392

■ 66.4835, 74.5286,
80.7728

■ 15.2053, 17.7339,
19.1649

■ 87.7950, 97.8731,
106.1161

■ 9.0508, 10.7591,
11.6114

113.2340,
125.6448, 136.2729

■ 4.8317, 5.9051,
6.3604

143.1657,
158.2280, 171.6619

■ 2.1826, 2.7874,
2.9931

177.9557,
196.0072, 212.7015

■ 0.7335, 1.0218,
1.0911

217.9692,

■ 0.0000, 0.0000,

239.3666, 259.8104

0.0000

263.5716,
288.6908, 313.4070

■ 34.7816, 39.5833,
42.8529

■ 34.7816, 39.5833,
42.8529

■ 31.4160, 37.8954,
40.6150

■ 38.6385, 41.5250,
45.1863

■ 28.5173, 36.4456,
38.4683

■ 43.0031, 43.7258,
47.6141

■ 26.0642, 35.2239,
36.4119

■ 47.8950, 46.1969,
50.1387

■ 24.0320, 34.2178,
34.4440

■ 53.3320, 48.9474,
52.7617

■ 22.3939, 33.4132,
32.5625

■ 59.3309, 51.9859,
55.4845

■ 21.1199, 32.7949,
30.7655

■ 65.9078, 55.3207,
58.3084

■ 20.1753, 32.3450,
29.0504

■ 66.6233, 55.6322,
60.9328

■ 19.5188, 32.0420,
27.4146

■ 67.1341, 55.8365,
63.6229

■ 19.1989, 31.8984,
26.4363

■ 67.6595, 56.0467,
66.3897

Harmonies

Analogous

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



35.1949, 39.5833, 38.8575



34.7816, 39.5833, 42.8529



35.1124, 39.5833, 47.1835

Triad

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



34.7816, 39.5833, 42.8529



39.0230, 39.5833, 50.8813



39.1763, 39.5833, 36.3747

Complementary

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



34.7816, 39.5833, 42.8529



34.3641, 33.2127, 36.0538

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.



40.2499, 39.5833, 39.2582



34.7816, 39.5833, 42.8529



40.1598, 39.5833, 47.6395

Square

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



34.7816, 39.5833, 42.8529



37.5365, 39.5833, 52.0011



40.6145, 39.5833, 43.3470



37.7091, 39.5833, 35.2765

Rectangle

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



34.7816, 39.5833, 42.8529



35.7156, 39.5833, 49.6435



40.6145, 39.5833, 43.3470



39.5966, 39.5833, 37.1574

Sweetspot

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



34.7827, 39.5850, 42.8538



69.8775, 75.2153, 81.8404



34.4302, 39.5837, 34.6805



15.4089, 16.6559, 18.1187



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



34.7827, 39.5850, 42.8538



60.8490, 70.6745, 76.2858



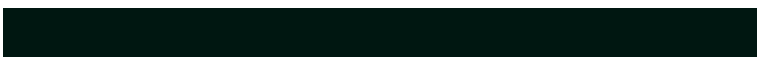
34.2955, 37.6947, 45.5146



8.1494, 9.0373, 9.8120



13.9491, 23.1449, 19.3033



0.4082, 0.6519, 0.6433

Inverse Universe

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



34.3641, 33.2127, 36.0538



59.9199, 56.5249, 61.1888



34.7833, 34.8447, 33.7472



8.0844, 8.0470, 8.7550



13.0045, 6.6643, 2.4031



0.3837, 0.1941, 0.1821

Previews

White Background



This preview shows how the XYZ color 34.7816, 39.5833, 42.8529 looks on a white background.

Color Contrast Check

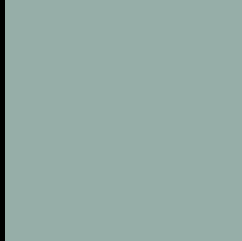
Large Text (above 18pt) WCAG AA × Fail

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 34.7816, 39.5833, 42.8529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

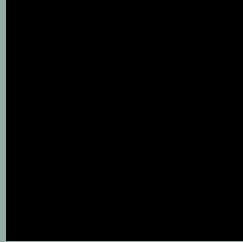
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.7816, 39.5833, 42.8529

Background



This preview shows how black text looks on a background with the XYZ color 34.7816, 39.5833, 42.8529.

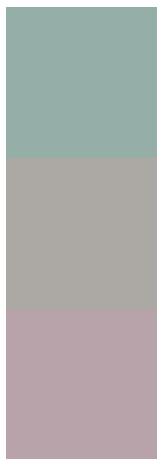


This preview shows how white text looks on a background with the XYZ color 34.7816, 39.5833,

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

34.7816, 39.5833, 42.8529

Protanopia

37.7167, 39.4563, 40.7499

Deuteranopia

40.1201, 39.2870, 43.4988



Tritanopia

36.4567, 39.4009, 51.5826

Trichromacy



Original Color

34.7816, 39.5833, 42.8529

Protanomaly

36.4761, 39.3586, 41.2718

Deuteranomaly

37.9934, 39.2727, 43.1140

Tritanomaly

35.8381, 39.4351, 48.3707

Monochromacy



Original Color

34.7816, 39.5833, 42.8529

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.6602, 38.6395, 42.1379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7816, 39.5833, 42.8529 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(150, 174, 168)` looks like.

```
.text, #text, p{  
    color:rgb(150, 174, 168)  
}
```

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(150, 174, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 174, 168) }
```

Border

The CSS property to change the border of an element to XYZ 34.7816, 39.5833, 42.8529 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(150, 174, 168) }
```


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

```
.border{ border-color:rgb(150, 174, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 174, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 174, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 174, 168);  
box-shadow:4px 4px 4px 4px rgb(150, 174,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7816, 39.5833, 42.8529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 174, 168) }
```

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

```
.background{ background-color: rgb(150,  
174, 168) }
```

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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