

Converting Colors

XYZ(35.8166, 39.3128, 27.9511)

Have a look what the booklet for
XYZ(35.8166, 39.3128, 27.9511)
contains.

XYZ(35.8419, 39.3271, 27.8921)	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(35.8419, 39.3271,
27.8921)**

Conversions

Conversions Part 1

Format	Color
Hex	ADAA85
RGB	173, 170, 133
RGB Percent	68%, 67%, 52%
CMY	0.3216, 0.3333, 0.4784
CMYK	0.00, 0.02, 0.23, 0.32
HSL	56°, 20%, 60%
HSV	56°, 23%, 68%
XYZ	35.8419, 39.3271, 27.8921
YIQ	166.6790, 13.6650, -10.8710

Conversions

Conversions Part 2

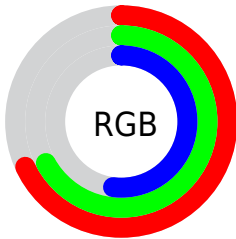
Format	Color
RYB	136, 173, 133
Decimal	11381381
CIELab	68.99, -5.09, 19.51
CIELCh	69, 20.164, 104.628
Yxy	39.3271, 0.3478, 0.3816
Android (android.graphics.Color)	4289571461 (0xFFADAA85)
YUV	166.6790, -16.6037, 5.5435
Hunter-Lab	62.7113, -7.7253, 17.5275

Details

The XYZ color **35.8419, 39.3271, 27.8921** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.0197, 25.6114, 43.1074**, and the grayscale version is **36.6488, 38.5574, 41.9890**.

A 20% lighter version of the original color is **68.1012, 74.0536, 57.1588**, and **15.7855, 17.5745, 10.7438** is the 20% darker color. If you saturate the color by 10%, you get **34.5025, 38.4059, 22.0267**, and if you desaturate by 10%, it is **37.3826, 40.3353, 34.7968**.

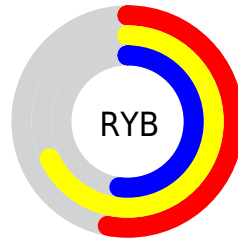
Distribution



Red (68%)

Green (67%)

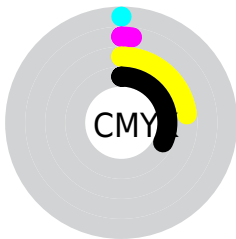
Blue (52%)



Red (53%)

Yellow (68%)

Blue (52%)

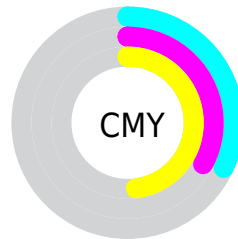


Cyan (0%)

Magenta (2%)

Yellow (23%)

Black (32%)



Cyan (32%)

Magenta (33%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.8419, 39.3271, 27.8921 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 35.8419, 39.3271, 27.8921 by changing the saturation by 10% instead.

■ 35.8419, 39.3271,
27.8921

■ 35.8419, 39.3271,
27.8921

319.7123,
343.2792, 305.8467

■ 24.4817, 27.0143,
18.0060

■ 68.1134, 74.1378,
57.3332

■ 15.8180, 17.5840,
10.7848

■ 89.7555, 97.4044,
77.7252

■ 9.4855, 10.6517,
5.8100

■ 115.5554,
125.0911, 102.4563

■ 5.1188, 5.8331,
2.6630

145.8787,
157.5822, 131.9450

■ 2.3526, 2.7439,
0.9247

181.0907,
195.2622, 166.6099

■ 0.8214, 0.9995,
0.0000

221.5567,

■ 0.0000, 0.0000,

238.5154, 206.8694

0.0000

267.6421,
287.7263, 253.1421

■ 35.8419, 39.3271,
27.8921

■ 35.8419, 39.3271,
27.8921

■ 34.5025, 38.4059,
22.0267

■ 37.3826, 40.3353,
34.7968

■ 33.3517, 37.5627,
17.1474

■ 39.1306, 41.4290,
42.7856

■ 32.3802, 36.7949,
13.2000

■ 41.0953, 42.6131,
51.9037

■ 31.5763, 36.0980,
10.1243

■ 43.2847, 43.8910,
62.1928

■ 30.9274, 35.4669,
7.8526

■ 45.7062, 45.2657,
73.6927

■ 30.4188, 34.8957,
6.3078

■ 48.3672, 46.7400,
86.4414

■ 30.0328, 34.3773,
5.3973

■ 51.2744, 48.3167,
100.4749

■ 29.8119, 34.0407,
4.9993

■ 51.6798, 48.8965,
101.3219

■ 51.9433, 49.4236,
101.4097

Harmonies

Analogous

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



39.0394, 39.3271, 27.9367



35.8419, 39.3271, 27.8921



33.2084, 39.3271, 31.4315

Triad

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



35.8419, 39.3271, 27.8921



33.1562, 39.3271, 56.4787



43.6525, 39.3271, 47.6796

Complementary

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



35.8419, 39.3271, 27.8921



26.0197, 25.6114, 43.1074

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.



41.8854, 39.3271, 56.6739



35.8419, 39.3271, 27.8921



35.7668, 39.3271, 62.2279

Square

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



35.8419, 39.3271, 27.8921



31.7192, 39.3271, 47.4421



38.9599, 39.3271, 62.3040



43.6755, 39.3271, 38.5093

Rectangle

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



35.8419, 39.3271, 27.8921



32.0748, 39.3271, 35.6836



38.9599, 39.3271, 62.3040



43.2385, 39.3271, 50.8507

Sweetspot

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



35.8429, 39.3289, 27.8929



68.7825, 73.3943, 70.6632



30.0891, 27.4468, 27.1294



14.9092, 15.9260, 15.1792



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.



35.8429, 39.3289, 27.8929



62.8608, 69.5305, 44.0890



32.9524, 38.6820, 27.9204



8.6106, 9.2260, 8.5403



21.9196, 25.0446, 3.6788



0.6246, 0.7264, 0.1073

Inverse Universe

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



26.0197, 25.6114, 43.1074



42.0076, 40.4119, 76.3920



28.4472, 26.2451, 43.1018



7.6253, 7.8500, 10.0660



5.6641, 2.4621, 29.2212



0.1728, 0.0990, 0.8180

Previews

White Background



This preview shows how the XYZ color 35.8419, 39.3271, 27.8921 looks on a white background.

Color Contrast Check

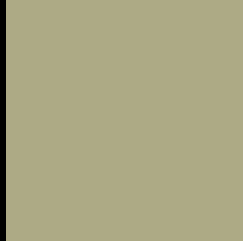
Large Text (above 18pt) WCAG AA × Fail

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 35.8419, 39.3271, 27.8921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

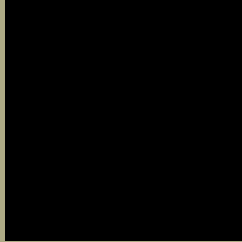
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8419, 39.3271, 27.8921

Background



This preview shows how black text looks on a background with the XYZ color 35.8419, 39.3271, 27.8921.



This preview shows how white text looks on a background with the XYZ color 35.8419, 39.3271,

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

35.8419, 39.3271, 27.8921

Protanopia

36.7579, 39.2549, 27.4694

Deuteranopia

40.0585, 39.3257, 28.4010



Tritanopia

39.8017, 39.3089, 47.0846

Trichromacy



Original Color

35.8419, 39.3271, 27.8921

Protanomaly

36.4843, 39.3890, 27.5097

Deuteranomaly

38.4972, 39.3229, 28.1153

Tritanomaly

38.2007, 39.1928, 39.2698

Monochromacy



Original Color

35.8419, 39.3271, 27.8921

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.2812, 38.8068, 36.5886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8419, 39.3271, 27.8921 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(173, 170, 133)` looks like.

```
.text, #text, p{  
    color:rgb(173, 170, 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(173, 170, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 170, 133) }
```

Border

The CSS property to change the border of an element to XYZ 35.8419, 39.3271, 27.8921 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(173, 170, 133) }
```


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

```
.border{ border-color:rgb(173, 170, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 170, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 170, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 170, 133);  
box-shadow:4px 4px 4px 4px rgb(173, 170,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8419, 39.3271, 27.8921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 170, 133) }
```

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

```
.background{ background-color: rgb(173,  
170, 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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