

Converting Colors

XYZ(39.9236, 44.1657, 39.1847)

Have a look what the booklet for
XYZ(39.9236, 44.1657, 39.1847)
contains.

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Color

**XYZ(39.8128, 44.0300,
39.2012)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB49F
RGB	173, 180, 159
RGB Percent	68%, 71%, 62%
CMY	0.3216, 0.2941, 0.3765
CMYK	0.04, 0.00, 0.12, 0.29
HSL	80°, 12%, 66%
HSV	80°, 12%, 71%
XYZ	39.8128, 44.0300, 39.2012
YIQ	175.5130, 2.5690, -8.0150

Conversions

Conversions Part 2

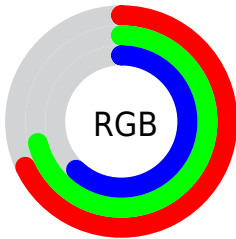
Format	Color
RYB	159, 180, 166
Decimal	11383967
CIELab	72.25, -6.27, 9.87
CIELCh	72, 11.697, 122.430
Yxy	44.0300, 0.3236, 0.3578
Android (android.graphics.Color)	4289574047 (0xFFADB49F)
YUV	175.5130, -8.1409, -2.2039
Hunter-Lab	66.3551, -9.0221, 11.4213

Details

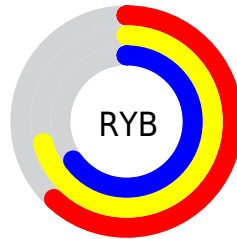
The XYZ color **39.8128, 44.0300, 39.2012** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.3642, 36.1999, 48.2532**, and the grayscale version is **41.0545, 43.1925, 47.0367**.

A 20% lighter version of the original color is **74.1280, 81.3399, 75.4115**, and **18.1813, 20.3264, 17.1525** is the 20% darker color. If you saturate the color by 10%, you get **37.0658, 42.7827, 31.5040**, and if you desaturate by 10%, it is **42.8494, 45.4029, 48.1012**.

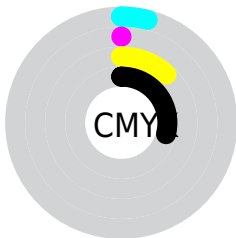
Distribution



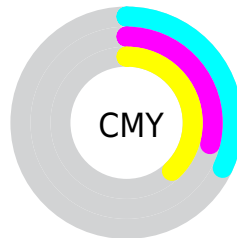
- Red (68%)
- Green (71%)
- Blue (62%)



- Red (62%)
- Yellow (71%)
- Blue (65%)



- Cyan (4%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)





- Cyan (32%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8128, 44.0300, 39.2012 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 39.8128, 44.0300, 39.2012 by changing the saturation by 10% instead.


 39.8128, 44.0300,
39.2012


 39.8128, 44.0300,
39.2012


336.4819,
362.8307, 358.1966

 27.5762, 30.6941,
26.6073


 74.1645, 81.2629,
75.1693

 18.1452, 20.3660,
17.0487


 97.0103, 105.9287,
99.3805

 11.1546, 12.6614,
10.1069


124.1232,
135.1398, 128.3013

 6.2390, 7.1958,
5.3633

155.8686,
169.2808, 162.3501

 3.0330, 3.5848,
2.3995

192.6118,
208.7360, 201.9455

 1.1712, 1.4442,
0.7862

234.7182,

 0.0835, 0.2489,

253.8898, 247.5060

0.0000

282.5531,
305.1265, 299.4502

■ 0.0000, 0.0000,
0.0000

■ 39.8128, 44.0300,
39.2012

■ 39.8128, 44.0300,
39.2012

■ 37.0658, 42.7827,
31.5040

■ 42.8494, 45.4029,
48.1012

■ 34.5942, 41.6510,
24.9552

■ 46.1818, 46.8997,
58.2497

■ 32.3880, 40.6321,
19.5004

■ 49.8209, 48.5261,
69.6933

■ 30.4349, 39.7210,
15.0796

■ 53.7755, 50.2860,
82.4757

■ 28.7216, 38.9124,
11.6272

■ 58.0543, 52.1827,
96.6381

■ 27.2335, 38.2003,
9.0699

■ 60.6717, 53.4222,
101.7215

■ 25.9537, 37.5779,
7.3241

■ 62.4025, 54.3145,
101.8025

■ 24.8626, 37.0371,
6.2903

■ 64.1981, 55.2402,
101.8866

■ 24.0646, 36.6357,
5.8031

■ 66.0590, 56.1995,
101.9736

Harmonies

Analogous

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



41.6857, 44.0300, 37.7211



39.8128, 44.0300, 39.2012



38.5193, 44.0300, 43.0036

Triad

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



39.8128, 44.0300, 39.2012



40.0876, 44.0300, 58.4254



45.8261, 44.0300, 47.4740

Complementary

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



39.8128, 44.0300, 39.2012



36.3642, 36.1999, 48.2532

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.



45.3656, 44.0300, 53.2429



39.8128, 44.0300, 39.2012



42.0131, 44.0300, 59.8582

Square

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



39.8128, 44.0300, 39.2012



38.6744, 44.0300, 54.1183



43.9539, 44.0300, 57.8923



45.1931, 44.0300, 42.2529

Rectangle

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



39.8128, 44.0300, 39.2012



38.1376, 44.0300, 46.4992



43.9539, 44.0300, 57.8923



45.7941, 44.0300, 49.4126

Sweetspot

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



39.8140, 44.0319, 39.2022



76.3211, 81.7032, 83.1365



38.7183, 39.4805, 38.3814



16.4051, 17.6181, 17.7008



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



39.8140, 44.0319, 39.2022



70.8569, 79.2315, 67.2844



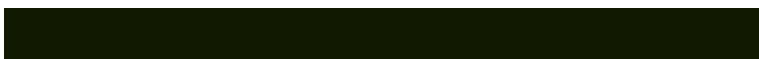
37.5828, 42.8817, 39.0977



8.9162, 9.7619, 9.0668



16.8681, 25.6059, 4.0534



0.5895, 0.8360, 0.1303

Inverse Universe

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



36.3642, 36.1999, 48.2532



63.3572, 62.2044, 86.9620



38.6558, 37.3812, 48.3604



8.3001, 8.3632, 10.6831



7.1162, 3.0043, 30.3418



0.2874, 0.1272, 0.9577

Previews

White Background



This preview shows how the XYZ color 39.8128, 44.0300, 39.2012 looks on a white background.

Color Contrast Check

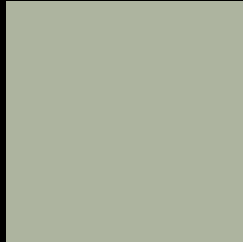
Large Text (above 18pt) WCAG AA × Fail

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 39.8128, 44.0300, 39.2012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

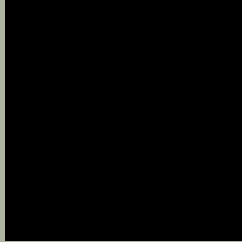
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

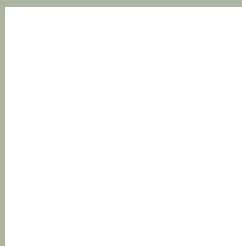
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.8128, 44.0300, 39.2012

Background



This preview shows how black text looks on a background with the XYZ color 39.8128, 44.0300, 39.2012.



This preview shows how white text looks on a background with the XYZ color 39.8128, 44.0300,

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

39.8128, 44.0300, 39.2012

Protanopia

41.6187, 43.7993, 38.1589

Deuteranopia

44.8153, 43.9784, 39.8449



Tritanopia

43.0707, 44.1898, 54.4035

Trichromacy



Original Color

39.8128, 44.0300, 39.2012

Protanomaly

40.9498, 43.7367, 38.6315

Deuteranomaly

42.7164, 43.7573, 39.4523

Tritanomaly

41.6625, 43.8887, 48.3950

Monochromacy



Original Color

39.8128, 44.0300, 39.2012

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.6570, 43.4605, 44.2761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8128, 44.0300, 39.2012 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, 180, 159)` looks like.

```
.text, #text, p{  
    color:rgb(173, 180, 159)  
}
```

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, 180, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 180, 159) }
```

Border

The CSS property to change the border of an element to XYZ 39.8128, 44.0300, 39.2012 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, 180, 159) }
```


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

```
.border{ border-color:rgb(173, 180, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 180, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 180, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 180, 159);  
box-shadow:4px 4px 4px 4px rgb(173, 180,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8128, 44.0300, 39.2012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 180, 159) }
```

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

```
.background{ background-color: rgb(173,  
180, 159) }
```

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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