

Converting Colors

XYZ(39.8801, 44.3026, 42.8006)

Have a look what the booklet for
XYZ(39.8801, 44.3026, 42.8006)
contains.

XYZ(39.8611, 44.2728, 43.0038)	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(39.8611, 44.2728,
43.0038)**

Conversions

Conversions Part 1

Format	Color
Hex	A9B5A7
RGB	169, 181, 167
RGB Percent	66%, 71%, 65%
CMY	0.3373, 0.2902, 0.3451
CMYK	0.07, 0.00, 0.08, 0.29
HSL	111°, 9%, 68%
HSV	111°, 8%, 71%
XYZ	39.8611, 44.2728, 43.0038
YIQ	175.8160, -2.6580, -6.8980

Conversions

Conversions Part 2

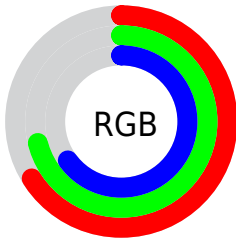
Format	Color
RYB	167, 181, 179
Decimal	11122087
CIELab	72.41, -6.82, 5.69
CIELCh	72, 8.883, 140.145
Yxy	44.2728, 0.3135, 0.3482
Android (android.graphics.Color)	4289312167 (0xFFA9B5A7)
YUV	175.8160, -4.3463, -5.9776
Hunter-Lab	66.5378, -9.5064, 8.2570

Details

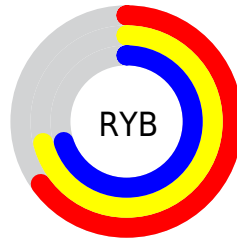
The XYZ color **39.8611, 44.2728, 43.0038** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.7514, 40.5586, 49.3991**, and the grayscale version is **41.1949, 43.3403, 47.1976**.

A 20% lighter version of the original color is **74.2095, 81.6896, 80.9637**, and **18.1498, 20.4581, 19.2119** is the 20% darker color. If you saturate the color by 10%, you get **35.1703, 42.0359, 34.6524**, and if you desaturate by 10%, it is **45.1836, 46.8109, 52.6093**.

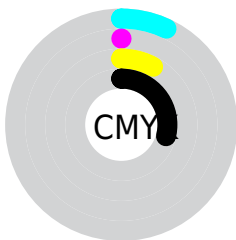
Distribution



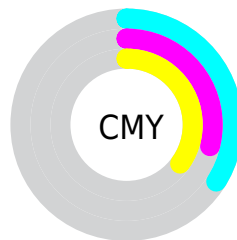
- Red (66%)
- Green (71%)
- Blue (65%)



- Red (65%)
- Yellow (71%)
- Blue (70%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)



- Cyan (34%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8611, 44.2728, 43.0038 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 39.8611, 44.2728, 43.0038 by changing the saturation by 10% instead.

■ 39.8611, 44.2728,
43.0038

■ 39.8611, 44.2728,
43.0038

336.6823,
363.8203, 374.5491

■ 27.6140, 30.8850,
29.5567

■ 74.2376, 81.6281,
81.0030

■ 18.1738, 20.5113,
19.2531

■ 97.0978, 106.3644,
106.3922

■ 11.1753, 12.7673,
11.6747

124.2263,
135.6523, 136.5991

■ 6.2530, 7.2685,
6.4027

155.9886,
169.8763, 172.0423

■ 3.0417, 3.6306,
3.0188

192.7500,
209.4207, 213.1404

■ 1.1758, 1.4691,
1.1042

234.8758,

■ 0.0872, 0.2669,

254.6699, 260.3119

0.0000

282.7314,
306.0083, 313.9752

■ 0.0000, 0.0000,
0.0000

■ 39.8611, 44.2728,
43.0038

■ 39.8611, 44.2728,
43.0038

■ 35.1703, 42.0359,
34.6524

■ 45.1836, 46.8109,
52.6093

■ 31.0842, 40.0835,
27.5005

■ 51.1564, 49.6548,
63.5144

■ 27.5790, 38.4058,
21.4939

■ 57.8018, 52.8163,
75.7663

■ 24.6281, 36.9904,
16.5731

■ 65.1399, 56.3049,
89.4086

■ 22.2029, 35.8240,
12.6733

■ 72.7843, 59.9673,
102.3464

■ 20.2718, 34.8918,
9.7227

■ 75.8148, 61.5295,
102.4883

■ 18.8001, 34.1776,
7.6403

■ 17.7482, 33.6633,
6.3313

■ 17.0641, 33.3250,
5.6507

Harmonies

Analogous

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



41.0746, 44.2728, 40.7183



39.8611, 44.2728, 43.0038



39.2467, 44.2728, 46.7774

Triad

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



39.8611, 44.2728, 43.0038



41.5783, 44.2728, 56.9949



44.9036, 44.2728, 45.3609

Complementary

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



39.8611, 44.2728, 43.0038



40.7514, 40.5586, 49.3991

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.



45.0464, 44.2728, 49.6625



39.8611, 44.2728, 43.0038



43.1016, 44.2728, 56.5586

Square

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



39.8611, 44.2728, 43.0038



40.2221, 44.2728, 54.9691



44.3797, 44.2728, 53.8107



43.9941, 44.2728, 42.0209

Rectangle

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



39.8611, 44.2728, 43.0038



39.2492, 44.2728, 49.7053



44.3797, 44.2728, 53.8107



45.0437, 44.2728, 46.7363

Sweetspot

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



39.8623, 44.2747, 43.0048



76.6829, 81.8147, 86.5454



42.1331, 44.8160, 42.9896



16.5965, 17.6938, 18.7463



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.



39.8623, 44.2747, 43.0048



70.1332, 78.6921, 74.7674



39.8984, 44.2399, 45.4169



8.4982, 9.5464, 9.0473



11.7188, 22.9513, 3.8124



0.4040, 0.7403, 0.1216

Inverse Universe

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



40.7514, 40.5586, 49.3991



71.9984, 70.8948, 88.1840



40.7227, 40.6009, 46.8183



8.7284, 8.5840, 10.7032



15.1333, 7.1373, 30.7170



0.5087, 0.2413, 0.9680

Previews

White Background



This preview shows how the XYZ color 39.8611, 44.2728, 43.0038 looks on a white background.

Color Contrast Check

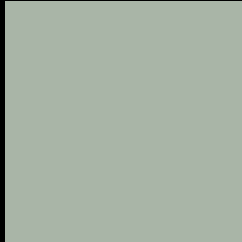
Large Text (above 18pt) WCAG AA × Fail

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 39.8611, 44.2728, 43.0038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

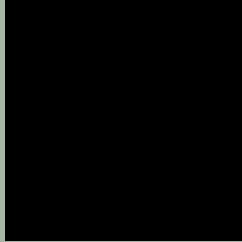
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.8611, 44.2728, 43.0038

Background



This preview shows how black text looks on a background with the XYZ color 39.8611, 44.2728, 43.0038.



This preview shows how white text looks on a background with the XYZ color 39.8611, 44.2728,

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

39.8611, 44.2728, 43.0038

Protanopia

42.2808, 44.3512, 41.9295

Deuteranopia

45.0130, 43.9962, 43.6558



Tritanopia

42.3597, 44.0901, 55.5679

Trichromacy



Original Color

39.8611, 44.2728, 43.0038

Protanomaly

41.3937, 44.1777, 42.4219

Deuteranomaly

42.8914, 44.0519, 43.2880

Tritanomaly

41.3771, 43.9888, 50.5659

Monochromacy



Original Color

39.8611, 44.2728, 43.0038

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.6968, 43.7422, 45.8333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8611, 44.2728, 43.0038 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(169, 181, 167)` looks like.

```
.text, #text, p{  
    color:rgb(169, 181, 167)  
}
```

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(169, 181, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 181, 167) }
```

Border

The CSS property to change the border of an element to XYZ 39.8611, 44.2728, 43.0038 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(169, 181, 167) }
```


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

```
.border{ border-color:rgb(169, 181, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 181, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 181, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 181, 167);  
box-shadow:4px 4px 4px 4px rgb(169, 181,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8611, 44.2728, 43.0038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 181, 167) }
```

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

```
.background{ background-color: rgb(169,  
181, 167) }
```

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