

Converting Colors

XYZ(39.6085, 40.9866, 33.4328)

Have a look what the booklet for
XYZ(39.6085, 40.9866, 33.4328)
contains.

XYZ(39.4620, 40.7968, 33.3985)	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(39.4620, 40.7968,
33.3985)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A993
RGB	185, 169, 147
RGB Percent	73%, 66%, 58%
CMY	0.2745, 0.3372, 0.4235
CMYK	0.00, 0.09, 0.21, 0.27
HSL	35°, 21%, 65%
HSV	35°, 21%, 73%
XYZ	39.4620, 40.7968, 33.3985
YIQ	171.2760, 16.5980, -3.4500

Conversions

Conversions Part 2

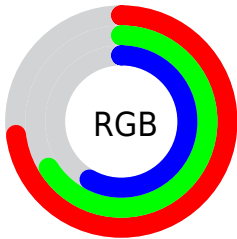
Format	Color
R _Y B	175, 185, 147
Decimal	12167571
CIE Lab	70.03, 2.17, 13.45
CIE LCh	70, 13.626, 80.821
Yxy	40.7968, 0.3472, 0.3589
Android (android.graphics.Color)	4290357651 (0xFFB9A993)
YUV	171.2760, -11.9681, 12.0359
Hunter-Lab	63.8724, -1.4947, 13.7083

Details

The XYZ color **39.4620, 40.7968, 33.3985** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8866, 35.8994, 51.0424**, and the grayscale version is **38.9008, 40.9266, 44.5691**.

A 20% lighter version of the original color is **73.4739, 76.2291, 66.0995**, and **17.9883, 18.4726, 13.6838** is the 20% darker color. If you saturate the color by 10%, you get **36.7199, 37.4517, 25.8891**, and if you desaturate by 10%, it is **42.5261, 44.4115, 42.1680**.

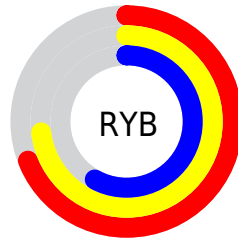
Distribution



Red (73%)

Green (66%)

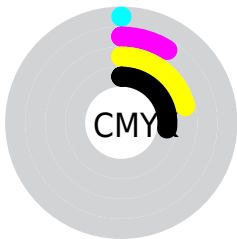
Blue (58%)



Red (69%)

Yellow (73%)

Blue (58%)

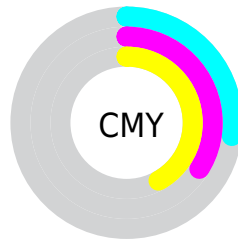


Cyan (0%)

Magenta (9%)

Yellow (21%)

Black (27%)



Cyan (27%)


Magenta (34%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4620, 40.7968, 33.3985 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 39.4620, 40.7968, 33.3985 by changing the saturation by 10% instead.

 39.4620, 40.7968,
33.3985


 39.4620, 40.7968,
33.3985


335.0242,
349.4706, 332.1285

 27.3017, 28.1603,
22.1583


 73.6331, 76.3753,
66.1204

 17.9377, 18.4466,
13.7738


 96.3746, 100.0862,
88.4391

 11.0047, 11.2711,
7.8266


123.3739,
128.2573, 115.2877

 6.1373, 6.2495,
3.8980

154.9963,
161.2731, 147.0848

 2.9702, 2.9974,
1.5696

191.6072,
199.5179, 184.2489

 1.1380, 1.1304,
0.2690

233.5719,

 0.0566, 0.0037,

243.3762, 227.1985

0.0000

281.2557,
293.2323, 276.3522

■ 0.0000, 0.0000,
0.0000

■ 39.4620, 40.7968,
33.3985

■ 39.4620, 40.7968,
33.3985

■ 36.7199, 37.4517,
25.8891

■ 42.5261, 44.4115,
42.1680

■ 34.2839, 34.3634,
19.5781

■ 45.9208, 48.2975,
52.2503

■ 32.1415, 31.5258,
14.4024

■ 49.6583, 52.4633,
63.6982

■ 30.2779, 28.9305,
10.2919

■ 53.7493, 56.9154,
76.5606

■ 28.6768, 26.5684,
7.1688

■ 58.2038, 61.6599,
90.8843

■ 27.3200, 24.4294,
4.9446

■ 62.5445, 66.5081,
104.1486

■ 26.1857, 22.5021,
3.5143

■ 64.5840, 70.5870,
104.8285

■ 25.2783, 20.8556,
2.6932

■ 66.7192, 74.8575,
105.5402

■ 68.9515, 79.3220,
106.2843

Harmonies

Analogous

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



41.5397, 40.7968, 35.5909



39.4620, 40.7968, 33.3985



37.2765, 40.7968, 33.9327

Triad

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



39.4620, 40.7968, 33.3985



34.9164, 40.7968, 48.9158



42.1849, 40.7968, 52.6120

Complementary

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



39.4620, 40.7968, 33.3985



33.8866, 35.8994, 51.0424

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.



40.3154, 40.7968, 56.8738



39.4620, 40.7968, 33.3985



36.1379, 40.7968, 54.6022

Square

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



39.4620, 40.7968, 33.3985



34.7076, 40.7968, 42.4965



38.0983, 40.7968, 57.6350



43.1508, 40.7968, 46.4023

Rectangle

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



39.4620, 40.7968, 33.3985



36.0485, 40.7968, 35.7858



38.0983, 40.7968, 57.6350



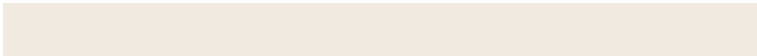
41.6380, 40.7968, 54.3438

Sweetspot

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



39.4631, 40.7986, 33.3994



78.7895, 82.5706, 83.2469



37.0945, 33.8434, 39.4478



16.9018, 17.7045, 17.6987



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



39.4631, 40.7986, 33.3994



68.2155, 70.0926, 52.9938



42.0175, 46.8068, 34.4244



9.4248, 9.8526, 9.5119



17.2855, 14.3474, 1.8583



0.6692, 0.6254, 0.0854

Inverse Universe

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



33.8866, 35.8994, 51.0424



56.2851, 59.6127, 90.7445



31.6832, 30.8107, 50.1763



8.8235, 9.3242, 11.4141



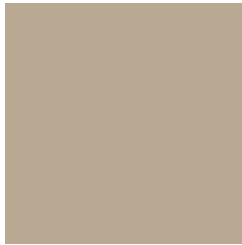
7.8806, 6.2209, 32.0385



0.3394, 0.3424, 1.1499

Previews

White Background



This preview shows how the XYZ color 39.4620, 40.7968, 33.3985 looks on a white background.

Color Contrast Check

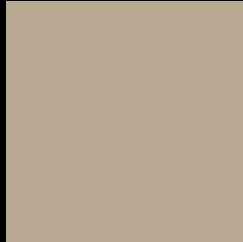
Large Text (above 18pt) WCAG AA × Fail

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 39.4620, 40.7968, 33.3985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

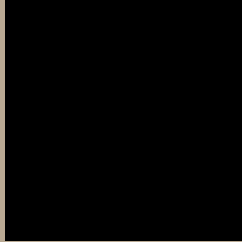
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4620, 40.7968, 33.3985

Background



This preview shows how black text looks on a background with the XYZ color 39.4620, 40.7968, 33.3985.



This preview shows how white text looks on a background with the XYZ color 39.4620, 40.7968,

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

39.4620, 40.7968, 33.3985

Protanopia

38.7306, 40.9672, 33.8831

Deuteranopia

41.5654, 40.7841, 33.6984



Tritanopia

42.4773, 40.9434, 47.7836

Trichromacy



Original Color

39.4620, 40.7968, 33.3985

Protanomaly

39.0114, 40.8327, 33.8423

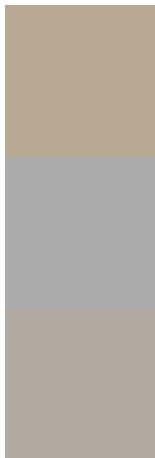
Deuteranomaly

40.7197, 40.6170, 33.7107

Tritanomaly

41.3503, 40.7538, 42.2461

Monochromacy



Original Color

39.4620, 40.7968, 33.3985

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.8008, 40.5882, 39.9717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4620, 40.7968, 33.3985 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(185, 169, 147)` looks like.

```
.text, #text, p{  
    color:rgb(185, 169, 147)  
}
```

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(185, 169, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 169, 147) }
```

Border

The CSS property to change the border of an element to XYZ 39.4620, 40.7968, 33.3985 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(185, 169, 147) }
```


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

```
.border{ border-color:rgb(185, 169, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 169, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 169, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 169, 147);  
box-shadow:4px 4px 4px 4px rgb(185, 169,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4620, 40.7968, 33.3985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 169, 147) }
```

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

```
.background{ background-color: rgb(185,  
169, 147) }
```

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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