

Converting Colors

XYZ(39.9843, 39.8332, 39.7636)

Have a look what the booklet for
XYZ(39.9843, 39.8332, 39.7636)
contains.

XYZ(39.9843, 39.8332, 39.7636)	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(39.9843, 39.8332,
39.7636)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A5A2
RGB	185, 165, 162
RGB Percent	73%, 65%, 64%
CMY	0.2745, 0.3529, 0.3647
CMYK	0.00, 0.11, 0.12, 0.27
HSL	8°, 14%, 68%
HSV	8°, 12%, 73%
XYZ	39.9843, 39.8332, 39.7636
YIQ	170.6380, 12.8830, 3.3070

Conversions

Conversions Part 2

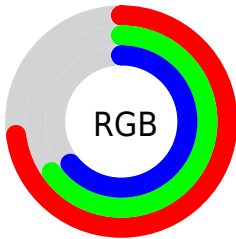
Format	Color
RYB	185, 165, 162
Decimal	12166562
CIELab	69.35, 6.76, 4.20
CIELCh	69, 7.954, 31.867
Yxy	39.8332, 0.3344, 0.3331
Android (android.graphics.Color)	4290356642 (0xFFB9A5A2)
YUV	170.6380, -4.2585, 12.5955
Hunter-Lab	63.1135, 2.6363, 6.8248

Details

The XYZ color **39.9843, 39.8332, 39.7636** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3850, 44.6391, 52.3870**, and the grayscale version is **38.5442, 40.5515, 44.1606**.

A 20% lighter version of the original color is **74.3932, 74.8969, 76.1812**, and **18.2353, 17.8416, 17.2345** is the 20% darker color. If you saturate the color by 10%, you get **35.7386, 33.7825, 30.8231**, and if you desaturate by 10%, it is **44.8391, 46.7140, 50.1017**.

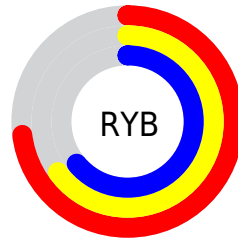
Distribution



Red (73%)

Green (65%)

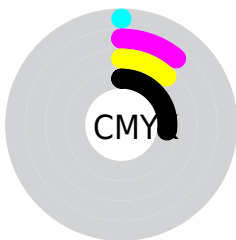
Blue (64%)



Red (73%)

Yellow (65%)

Blue (64%)

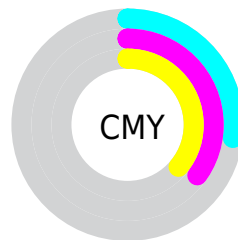


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (27%)



Cyan (27%)


Magenta (35%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9843, 39.8332, 39.7636 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 39.9843, 39.8332, 39.7636 by changing the saturation by 10% instead.


 39.9843, 39.8332,
39.7636


 39.9843, 39.8332,
39.7636


337.1929,
345.4200, 360.6486

 27.7105, 27.4085,
27.0419


 74.4241, 74.9095,
76.0365

 18.2469, 17.8803,
17.3720


 97.3208, 98.3298,
100.4249

 11.2281, 10.8641,
10.3353


124.4891,
126.1842, 129.5391

 6.2889, 5.9755,
5.5133

156.2944,
158.8570, 163.7979

 3.0639, 2.8302,
2.4875

193.1021,
196.7325, 203.6197

 1.1876, 1.0437,
0.8335

235.2775,

 0.0966, 0.0000,

240.1953, 249.4230

0.0000

283.1860,
289.6297, 301.6265

0.0000, 0.0000,
0.0000

39.9843, 39.8332,
39.7636

39.9843, 39.8332,
39.7636

35.7386, 33.7825,
30.8231

44.8391, 46.7140,
50.1017

32.0746, 28.5253,
23.2178

50.3223, 54.4491,
61.8911

28.9678, 24.0302,
16.8842

56.4565, 63.0683,
75.1859

26.3907, 20.2619,
11.7527

63.2622, 72.5985,
90.0366

24.3133, 17.1819,
7.7471

70.7590, 83.0651,
106.4914

■ 22.7027, 14.7483,
4.7822

■ 73.8177, 89.0544,
107.9063

■ 21.5219, 12.9146,
2.7609

■ 20.7279, 11.6279,
1.5674

■ 20.3377, 10.9742,
1.0463

Harmonies

Analogous

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



40.3680, 39.8332, 43.1429



39.9843, 39.8332, 39.7636



39.0300, 39.8332, 37.4606

Triad

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



39.9843, 39.8332, 39.7636



35.7358, 39.8332, 40.1393



37.9403, 39.8332, 50.7872

Complementary

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



39.9843, 39.8332, 39.7636



40.3850, 44.6391, 52.3870

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.



36.7141, 39.8332, 49.8738



39.9843, 39.8332, 39.7636



35.4586, 39.8332, 43.6011

Square

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



39.9843, 39.8332, 39.7636



36.5786, 39.8332, 37.6688



35.8128, 39.8332, 47.1915



39.1716, 39.8332, 49.6227

Rectangle

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



39.9843, 39.8332, 39.7636



38.2087, 39.8332, 36.7754



35.8128, 39.8332, 47.1915



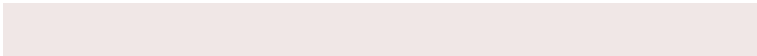
37.5139, 39.8332, 50.7128

Sweetspot

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



39.9854, 39.8350, 39.7644



78.8100, 81.5481, 86.5320



41.4046, 39.5460, 49.8790



16.8439, 17.3735, 18.3428



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.



39.9854, 39.8350, 39.7644



69.3653, 68.1469, 66.4642



42.0909, 44.0460, 40.4663



9.0966, 9.1963, 9.4025



13.8791, 7.5345, 0.7228



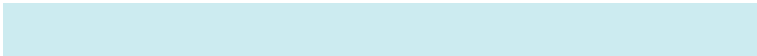
0.5200, 0.3271, 0.0357

Inverse Universe

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



40.3850, 44.6391, 52.3870



70.2254, 78.4943, 93.6542



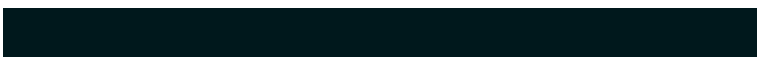
38.1861, 40.2413, 51.6540



9.1640, 10.0051, 11.5276



14.6599, 19.7794, 34.2982



0.5449, 0.7534, 1.2185

Previews

White Background



This preview shows how the XYZ color 39.9843, 39.8332, 39.7636 looks on a white background.

Color Contrast Check

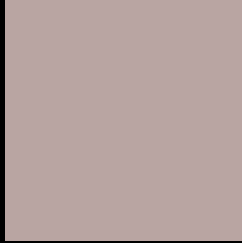
Large Text (above 18pt) WCAG AA × Fail

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 39.9843, 39.8332, 39.7636 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 39.9843, 39.8332, 39.7636

Background



This preview shows how black text looks on a background with the XYZ color 39.9843, 39.8332, 39.7636.



This preview shows how white text looks on a background with the XYZ color 39.9843, 39.8332,

39.7636.

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

39.9843, 39.8332, 39.7636

Protanopia

38.3444, 40.0549, 40.8324

Deuteranopia

40.5361, 39.8509, 39.7379



Tritanopia

41.4272, 39.8938, 46.5911

Trichromacy



Original Color

39.9843, 39.8332, 39.7636

Protanomaly

38.9736, 40.1146, 40.3391

Deuteranomaly

40.2906, 39.7243, 39.7264

Tritanomaly

40.8758, 39.9303, 44.0810

Monochromacy



Original Color

39.9843, 39.8332, 39.7636

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.1603, 40.4332, 42.7862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9843, 39.8332, 39.7636 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, 165, 162) looks like.

```
.text, #text, p{  
    color:rgb(185, 165, 162)  
}
```

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, 165, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 165, 162) }
```

Border

The CSS property to change the border of an element to XYZ 39.9843, 39.8332, 39.7636 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, 165, 162) }
```


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

```
.border{ border-color:rgb(185, 165, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 165, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 165, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 165, 162);  
box-shadow:4px 4px 4px 4px rgb(185, 165,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9843, 39.8332, 39.7636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 165, 162) }
```

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

```
.background{ background-color: rgb(185,  
165, 162) }
```

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