

Converting Colors

XYZ(39.8418, 40.0467, 39.0499)

Have a look what the booklet for
XYZ(39.8418, 40.0467, 39.0499)
contains.

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Color

**XYZ(39.7485, 40.0008,
38.8837)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A6A0
RGB	184, 166, 160
RGB Percent	72%, 65%, 63%
CMY	0.2784, 0.3490, 0.3725
CMYK	0.00, 0.10, 0.13, 0.28
HSL	15°, 14%, 67%
HSV	15°, 13%, 72%
XYZ	39.7485, 40.0008, 38.8837
YIQ	170.6980, 12.6540, 1.9500

Conversions

Conversions Part 2

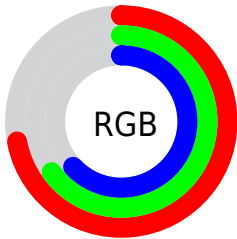
Format	Color
RYB	184, 168, 160
Decimal	12101280
CIELab	69.47, 5.50, 5.47
CIELCh	69, 7.757, 44.821
Yxy	40.0008, 0.3351, 0.3372
Android (android.graphics.Color)	4290291360 (0xFFB8A6A0)
YUV	170.6980, -5.2741, 11.6659
Hunter-Lab	63.2462, 1.5015, 7.8209

Details

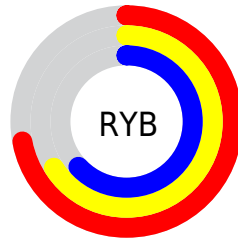
The XYZ color **39.7485, 40.0008, 38.8837** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.0691, 42.7742, 51.5448**, and the grayscale version is **38.5792, 40.5884, 44.2007**.

A 20% lighter version of the original color is **74.0574, 75.1445, 74.8911**, and **18.1377, 17.9640, 16.9794** is the 20% darker color. If you saturate the color by 10%, you get **35.8817, 34.6552, 30.2324**, and if you desaturate by 10%, it is **44.1249, 45.9835, 48.8812**.

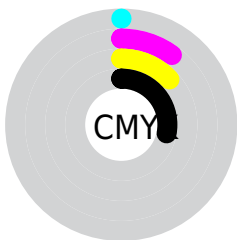
Distribution



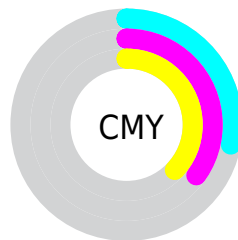
- Red (72%)
- Green (65%)
- Blue (63%)



- Red (72%)
- Yellow (66%)
- Blue (63%)



- Cyan (0%)
- Magenta (10%)
- Yellow (13%)
- Black (28%)





- Cyan (28%)
- Magenta (35%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7485, 40.0008, 38.8837 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 39.7485, 40.0008, 38.8837 by changing the saturation by 10% instead.


 39.7485, 40.0008,
38.8837


 39.7485, 40.0008,
38.8837


336.2150,
346.1269, 356.8070

 27.5258, 27.5392,
26.3621


 74.0672, 75.1647,
74.6790

 18.1072, 17.9786,
16.8666


 96.8939, 98.6358,
98.7898

 11.1271, 10.9346,
9.9784


123.9860,
126.5455, 127.6008

 6.2203, 6.0229,
5.2792

155.7089,
159.2782, 161.5305

 3.0214, 2.8590,
2.3504

192.4279,
197.2183, 200.9974

 1.1651, 1.0586,
0.7593

234.5083,

 0.0786, 0.0000,

240.7502, 246.4201

0.0000

282.3156,
290.2583, 298.2171

0.0000, 0.0000,
0.0000

39.7485, 40.0008,
38.8837

39.7485, 40.0008,
38.8837

35.8817, 34.6552,
30.2324

44.1249, 45.9835,
48.8812

32.5024, 29.9202,
22.8671

49.0254, 52.6181,
60.2765

29.5915, 25.7754,
16.7266

54.4681, 59.9253,
73.1218

27.1274, 22.1972,
11.7438

60.4692, 67.9237,
87.4656

25.0870, 19.1603,
7.8451

67.0443, 76.6309,
103.3544

■ 23.4445, 16.6374,
4.9484

■ 71.6280, 85.0317,
107.2453

■ 22.1714, 14.5987,
2.9595

■ 73.5773, 88.9304,
107.8951

■ 21.2347, 13.0110,
1.7663

■ 20.7453, 12.1464,
1.2511

Harmonies

Analogous

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



40.3887, 40.0008, 41.8183



39.7485, 40.0008, 38.8837



38.6518, 40.0008, 37.2479

Triad

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



39.7485, 40.0008, 38.8837



35.7487, 40.0008, 41.7780



38.6372, 40.0008, 50.5469

Complementary

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



39.7485, 40.0008, 38.8837



39.0691, 42.7742, 51.5448

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.



37.3942, 40.0008, 50.5347



39.7485, 40.0008, 38.8837



35.7449, 40.0008, 45.3372

Square

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



39.7485, 40.0008, 38.8837



36.3518, 40.0008, 38.8556



36.3415, 40.0008, 48.5842



39.7376, 40.0008, 48.6168

Rectangle

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



39.7485, 40.0008, 38.8837



37.8181, 40.0008, 37.0540



36.3415, 40.0008, 48.5842



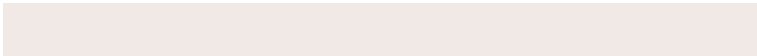
38.2218, 40.0008, 50.7731

Sweetspot

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



39.7496, 40.0026, 38.8845



79.1326, 82.1932, 86.6395



40.3743, 38.5469, 47.4322



16.9256, 17.5369, 18.3700



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.



39.7496, 40.0026, 38.8845



69.6967, 69.2656, 65.1694



42.0331, 44.5696, 39.6457



9.1823, 9.3675, 9.4311



14.3459, 8.4682, 0.8784



0.5564, 0.3999, 0.0479

Inverse Universe

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



39.0691, 42.7742, 51.5448



68.1912, 75.3923, 93.1627



36.7857, 38.2073, 50.7836



9.0713, 9.8199, 11.4967



12.2823, 15.0242, 33.5057



0.4790, 0.6216, 1.1965

Previews

White Background



This preview shows how the XYZ color 39.7485, 40.0008, 38.8837 looks on a white background.

Color Contrast Check

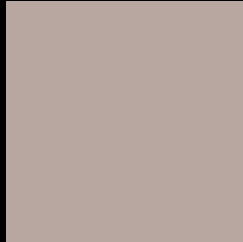
Large Text (above 18pt) WCAG AA × Fail

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 39.7485, 40.0008, 38.8837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

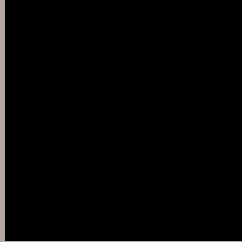
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7485, 40.0008, 38.8837

Background



This preview shows how black text looks on a background with the XYZ color 39.7485, 40.0008, 38.8837.



This preview shows how white text looks on a background with the XYZ color 39.7485, 40.0008,

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

39.7485, 40.0008, 38.8837

Protanopia

38.3888, 40.0985, 39.8989

Deuteranopia

40.8558, 40.0361, 38.8321



Tritanopia

41.3616, 40.1246, 46.6391

Trichromacy



Original Color

39.7485, 40.0008, 38.8837

Protanomaly

38.7958, 40.0435, 39.4026

Deuteranomaly

40.5393, 40.1397, 38.8688

Tritanomaly

40.7184, 40.1268, 43.6294

Monochromacy



Original Color

39.7485, 40.0008, 38.8837

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.0675, 40.3961, 42.2974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7485, 40.0008, 38.8837 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(184, 166, 160)` looks like.

```
.text, #text, p{  
    color:rgb(184, 166, 160)  
}
```

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(184, 166, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 166, 160) }
```

Border

The CSS property to change the border of an element to XYZ 39.7485, 40.0008, 38.8837 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(184, 166, 160) }
```


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

```
.border{ border-color:rgb(184, 166, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 166, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 166, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 166, 160);  
box-shadow:4px 4px 4px 4px rgb(184, 166,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7485, 40.0008, 38.8837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 166, 160) }
```

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

```
.background{ background-color: rgb(184,  
166, 160) }
```

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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