

Converting Colors

XYZ(37.9668, 39.6855, 36.2308)

Have a look what the booklet for
XYZ(37.9668, 39.6855, 36.2308)
contains.

XYZ(37.9668, 39.6855, 36.2308)	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(37.9668, 39.6855,
36.2308)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A89A
RGB	177, 168, 154
RGB Percent	69%, 66%, 60%
CMY	0.3059, 0.3412, 0.3961
CMYK	0.00, 0.05, 0.13, 0.31
HSL	37°, 13%, 65%
HSV	37°, 13%, 69%
XYZ	37.9668, 39.6855, 36.2308
YIQ	169.0950, 9.8580, -2.4460

Conversions

Conversions Part 2

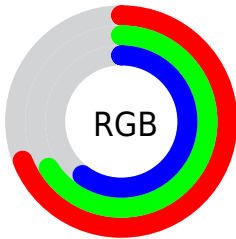
Format	Color
R _{YB}	169, 177, 154
Decimal	11643034
CIE Lab	69.24, 0.80, 8.38
CIE LCh	69, 8.421, 84.548
Yxy	39.6855, 0.3334, 0.3485
Android (android.graphics.Color)	4289833114 (0xFFB1A89A)
YUV	169.0950, -7.4418, 6.9327
Hunter-Lab	62.9964, -2.6651, 9.9984

Details

The XYZ color **37.9668, 39.6855, 36.2308** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.3592, 36.2378, 46.7789**, and the grayscale version is **37.7922, 39.7604, 43.2990**.

A 20% lighter version of the original color is **71.3771, 74.6531, 70.3220**, and **17.0058, 17.7551, 15.3627** is the 20% darker color. If you saturate the color by 10%, you get **35.3560, 36.6515, 28.6159**, and if you desaturate by 10%, it is **40.8652, 42.9461, 45.0150**.

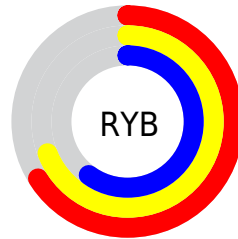
Distribution



Red (69%)

Green (66%)

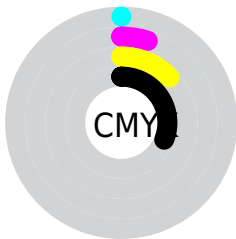
Blue (60%)



Red (66%)

Yellow (69%)

Blue (60%)

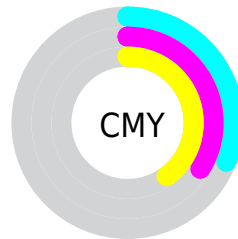


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (31%)



Cyan (31%)


Magenta (34%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9668, 39.6855, 36.2308 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 37.9668, 39.6855, 36.2308 by changing the saturation by 10% instead.


 37.9668, 39.6855,
36.2308


 37.9668, 39.6855,
36.2308


328.7608,
344.7962, 345.0361

 26.1340, 27.2934,
24.3214


 71.3615, 74.6844,
70.5612

 17.0571, 17.7937,
15.3578


 93.6541, 98.0599,
93.8193

 10.3708, 10.8020,
8.9215


120.1640,
125.8655, 121.6973

 5.7096, 5.9338,
4.5939

151.2566,
158.4853, 154.6139

 2.7083, 2.8049,
1.9565

187.2972,
196.3040, 192.9875

 1.0015, 1.0307,
0.5283

228.6512,

 0.0000, 0.0000,

239.7057, 237.2367

0.0000

275.6840,
289.0750, 287.7801

■ 37.9668, 39.6855,
36.2308

■ 37.9668, 39.6855,
36.2308

■ 35.3560, 36.6515,
28.6159

■ 40.8652, 42.9461,
45.0150

■ 33.0192, 33.8330,
22.1175

■ 44.0579, 46.4336,
55.0133

■ 30.9460, 31.2254,
16.6826

■ 47.5555, 50.1552,
66.2709

■ 29.1244, 28.8223,
12.2526

■ 51.3668, 54.1160,
78.8303

■ 27.5411, 26.6164,
8.7633

■ 55.5004, 58.3210,
92.7317

■ 26.1815, 24.6000,
6.1432

■ 59.1156, 62.4353,
103.5432

■ 25.0288, 22.7645,
4.3099

■ 60.8572, 65.9184,
104.1238

■ 24.0631, 21.1002,
3.1653

■ 62.6736, 69.5511,
104.7292

■ 23.4698, 20.0236,
2.6279

■ 64.5656, 73.3352,
105.3599

Harmonies

Analogous

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



39.2442, 39.6855, 37.4385



37.9668, 39.6855, 36.2308



36.6527, 39.6855, 36.8008

Triad

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



37.9668, 39.6855, 36.2308



35.4097, 39.6855, 46.3705



39.8721, 39.6855, 47.6634

Complementary

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



37.9668, 39.6855, 36.2308



34.3592, 36.2378, 46.7789

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.



38.8076, 39.6855, 50.3249



37.9668, 39.6855, 36.2308



36.2356, 39.6855, 49.5478

Square

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



37.9668, 39.6855, 36.2308



35.1967, 39.6855, 42.5090



37.4740, 39.6855, 51.0341



40.3609, 39.6855, 43.9202

Rectangle

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



37.9668, 39.6855, 36.2308



35.9297, 39.6855, 38.1309



37.4740, 39.6855, 51.0341



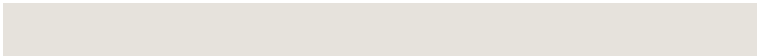
39.5686, 39.6855, 48.7229

Sweetspot

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



37.9679, 39.6873, 36.2316



72.6053, 76.2681, 78.8271



36.3162, 35.1103, 39.6077



15.6485, 16.4326, 16.8186



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



37.9679, 39.6873, 36.2316



66.4094, 69.2517, 60.1903



39.1671, 42.8570, 36.7803



8.9125, 9.3374, 8.9851



17.0649, 14.6284, 1.9241



0.5917, 0.5698, 0.0788

Inverse Universe

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



34.3592, 36.2378, 46.7789



58.4965, 61.6885, 83.3193



33.2603, 33.3839, 46.2860



8.3055, 8.7572, 10.7589



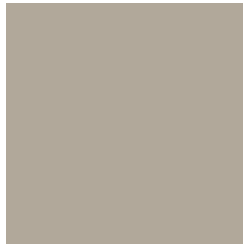
7.3575, 5.5153, 30.8138



0.2892, 0.2889, 0.9888

Previews

White Background



This preview shows how the XYZ color 37.9668, 39.6855, 36.2308 looks on a white background.

Color Contrast Check

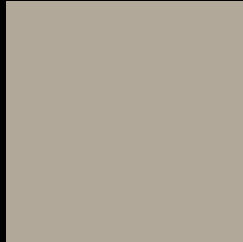
Large Text (above 18pt) WCAG AA × Fail

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 37.9668, 39.6855, 36.2308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

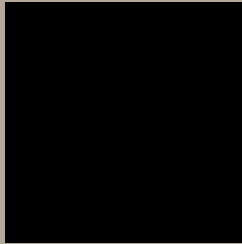
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

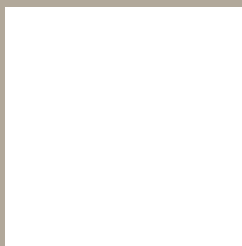
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.9668, 39.6855, 36.2308

Background



This preview shows how black text looks on a background with the XYZ color 37.9668, 39.6855, 36.2308.

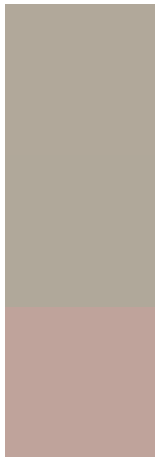


This preview shows how white text looks on a background with the XYZ color 37.9668, 39.6855,

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

37.9668, 39.6855, 36.2308

Protanopia

37.7399, 39.5685, 36.2202

Deuteranopia

40.4994, 39.6373, 36.5266



Tritanopia

40.2133, 39.7879, 47.1553

Trichromacy



Original Color

37.9668, 39.6855, 36.2308

Protanomaly

37.7399, 39.5685, 36.2202

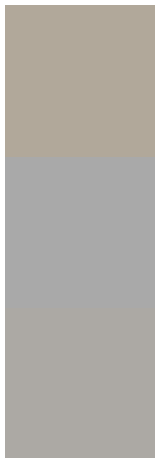
Deuteranomaly

39.6212, 39.7159, 36.5880

Tritanomaly

39.3881, 39.7207, 43.1270

Monochromacy



Original Color

37.9668, 39.6855, 36.2308

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.9021, 39.8269, 40.8117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9668, 39.6855, 36.2308 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(177, 168, 154)` looks like.

```
.text, #text, p{  
    color:rgb(177, 168, 154)  
}
```

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(177, 168, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 168, 154) }
```

Border

The CSS property to change the border of an element to XYZ 37.9668, 39.6855, 36.2308 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(177, 168, 154) }
```


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

```
.border{ border-color:rgb(177, 168, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 168, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 168, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 168, 154);  
box-shadow:4px 4px 4px 4px rgb(177, 168,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9668, 39.6855, 36.2308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 168, 154) }
```

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

```
.background{ background-color: rgb(177,  
168, 154) }
```

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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