

Converting Colors

XYZ(39.9525, 39.7271, 35.5490)

Have a look what the booklet for
XYZ(39.9525, 39.7271, 35.5490)
contains.

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Color

**XYZ(40.0115, 39.6696,
35.6852)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA499
RGB	189, 164, 153
RGB Percent	74%, 64%, 60%
CMY	0.2588, 0.3568, 0.4000
CMYK	0.00, 0.13, 0.19, 0.26
HSL	18°, 21%, 67%
HSV	18°, 19%, 74%
XYZ	40.0115, 39.6696, 35.6852
YIQ	170.2210, 18.4310, 1.8790

Conversions

Conversions Part 2

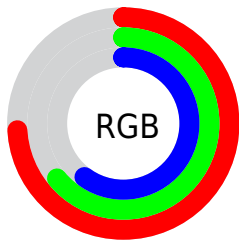
Format	Color
R_{YB}	189, 169, 153
Decimal	12428441
CIE Lab	69.23, 7.34, 9.06
CIE LCh	69, 11.665, 50.978
Yxy	39.6696, 0.3468, 0.3439
Android (android.graphics.Color)	4290618521 (0xFFBDA499)
YUV	170.2210, -8.4900, 16.4692
Hunter-Lab	62.9838, 3.1734, 10.4963

Details

The XYZ color **40.0115, 39.6696, 35.6852** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.2424, 42.2864, 54.2910**, and the grayscale version is **38.3542, 40.3516, 43.9428**.

A 20% lighter version of the original color is **74.6000, 74.7609, 69.5299**, and **18.1841, 17.6985, 15.0281** is the 20% darker color. If you saturate the color by 10%, you get **36.3441, 34.6380, 27.3616**, and if you desaturate by 10%, it is **44.1707, 45.2885, 45.3936**.

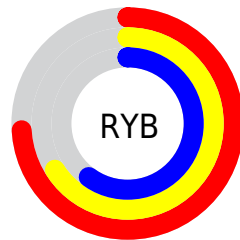
Distribution



Red (74%)

Green (64%)

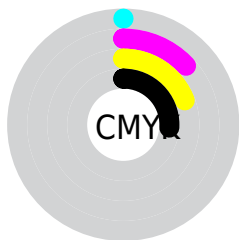
Blue (60%)



Red (74%)

Yellow (66%)

Blue (60%)

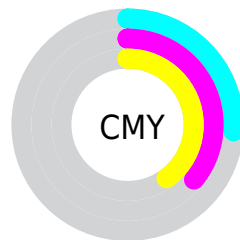


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (26%)



Cyan (26%)


Magenta (36%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0115, 39.6696, 35.6852 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 40.0115, 39.6696, 35.6852 by changing the saturation by 10% instead.


 40.0115, 39.6696,
35.6852


 40.0115, 39.6696,
35.6852


337.3056,
344.7290, 342.5782

 27.7318, 27.2810,
23.9034

 74.4653, 74.6601,
69.7095

 18.2630, 17.7844,
15.0504


 97.3700, 98.0309,
92.7890

 11.2398, 10.7953,
8.7078


124.5471,
125.8311, 120.4716

 6.2968, 5.9294,
4.4569

156.3619,
158.4453, 153.1757

 3.0688, 2.8022,
1.8792

193.1798,
196.2578, 191.3198

 1.1902, 1.0293,
0.4794

235.3662,

 0.0986, 0.0000,

239.6530, 235.3226

0.0000

283.2863,
289.0153, 285.6026

■ 0.0000, 0.0000,
0.0000

■ 40.0115, 39.6696,
35.6852

■ 40.0115, 39.6696,
35.6852

■ 36.3441, 34.6380,
27.3616

■ 44.1707, 45.2885,
45.3936

■ 33.1463, 30.1689,
20.3566

■ 48.8364, 51.5075,
56.5437

■ 30.3991, 26.2439,
14.6025

■ 54.0266, 58.3461,
69.1924

■ 28.0806, 22.8412,
10.0244

■ 59.7573, 65.8209,
83.3926

■ 26.1671, 19.9377,
6.5393

■ 66.0439, 73.9481,
99.1947

■ 24.6321, 17.5082,
4.0532

■ 71.0105, 81.9870,
106.6902

■ 23.4456, 15.5250,
2.4559

■ 74.7964, 89.5589,
107.9521

■ 22.5612, 13.9527,
1.5557

■ 22.4878, 13.8217,
1.4826

Harmonies

Analogous

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



41.1585, 39.6696, 39.6148



40.0115, 39.6696, 35.6852



38.2708, 39.6696, 33.8107

Triad

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



40.0115, 39.6696, 35.6852



34.2678, 39.6696, 41.6005



39.0052, 39.6696, 53.5266

Complementary

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



40.0115, 39.6696, 35.6852



38.2424, 42.2864, 54.2910

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.



37.1444, 39.6696, 54.1689



40.0115, 39.6696, 35.6852



34.4498, 39.6696, 46.9814

Square

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



40.0115, 39.6696, 35.6852



34.9828, 39.6696, 37.0357



35.4884, 39.6696, 51.6873



40.5643, 39.6696, 49.9985

Rectangle

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



40.0115, 39.6696, 35.6852



37.0250, 39.6696, 33.8625



35.4884, 39.6696, 51.6873



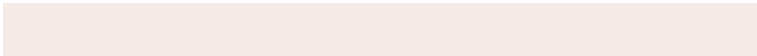
38.3928, 39.6696, 54.0981

Sweetspot

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



40.0126, 39.6714, 35.6860



81.4794, 84.2846, 86.9195



40.4339, 36.8242, 47.2020



17.4080, 17.9729, 18.4211



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



40.0126, 39.6714, 35.6860



68.7175, 67.0296, 57.1740



43.4235, 46.4932, 36.8230



9.7616, 9.9992, 9.9922



15.1904, 9.4197, 1.0176



0.6546, 0.4882, 0.0597

Inverse Universe

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



38.2424, 42.2864, 54.2910



64.9433, 72.5967, 96.8159



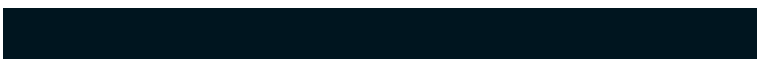
34.9282, 35.6580, 53.1862



9.5558, 10.3039, 12.1574



11.7320, 13.5758, 34.3950



0.5148, 0.6423, 1.3657

Previews

White Background



This preview shows how the XYZ color 40.0115, 39.6696, 35.6852 looks on a white background.

Color Contrast Check

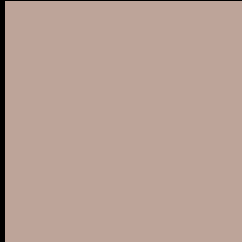
Large Text (above 18pt) WCAG AA × Fail

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 40.0115, 39.6696, 35.6852 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

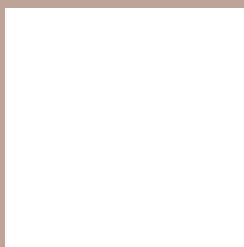
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.0115, 39.6696, 35.6852

Background



This preview shows how black text looks on a background with the XYZ color 40.0115, 39.6696, 35.6852.



This preview shows how white text looks on a background with the XYZ color 40.0115, 39.6696,

35.6852.

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

40.0115, 39.6696, 35.6852

Protanopia

37.7836, 39.8565, 36.7120

Deuteranopia

40.3328, 39.5707, 35.6491



Tritanopia

42.1231, 39.7522, 45.4972

Trichromacy



Original Color

40.0115, 39.6696, 35.6852

Protanomaly

38.4738, 39.6738, 36.2019

Deuteranomaly

40.0822, 39.4414, 35.6374

Tritanomaly

41.2891, 39.6702, 41.5573

Monochromacy



Original Color

40.0115, 39.6696, 35.6852

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.8349, 40.0327, 40.8022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0115, 39.6696, 35.6852 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(189, 164, 153)` looks like.

```
.text, #text, p{  
    color:rgb(189, 164, 153)  
}
```

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(189, 164, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 164, 153) }
```

Border

The CSS property to change the border of an element to XYZ 40.0115, 39.6696, 35.6852 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(189, 164, 153) }
```


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

```
.border{ border-color:rgb(189, 164, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 164, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 164, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 164, 153);  
box-shadow:4px 4px 4px 4px rgb(189, 164,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0115, 39.6696, 35.6852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 164, 153) }
```

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

```
.background{ background-color: rgb(189,  
164, 153) }
```

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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