

Converting Colors

XYZ(40.4290, 40.0020, 36.1628)

Have a look what the booklet for
XYZ(40.4290, 40.0020, 36.1628)
contains.

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Color

**XYZ(40.3434, 39.8312,
36.1337)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA49A
RGB	190, 164, 154
RGB Percent	75%, 64%, 60%
CMY	0.2549, 0.3568, 0.3961
CMYK	0.00, 0.14, 0.19, 0.25
HSL	17°, 22%, 67%
HSV	17°, 19%, 75%
XYZ	40.3434, 39.8312, 36.1337
YIQ	170.6340, 18.7060, 2.4020

Conversions

Conversions Part 2

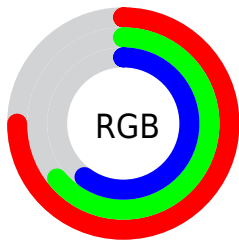
Format	Color
R_{YB}	190, 168, 154
Decimal	12493978
CIE Lab	69.35, 7.88, 8.69
CIE LCh	69, 11.728, 47.789
Yxy	39.8312, 0.3469, 0.3425
Android (android.graphics.Color)	4290684058 (0xFFBEA49A)
YUV	170.6340, -8.2006, 16.9840
Hunter-Lab	63.1120, 3.6576, 10.2329

Details

The XYZ color **40.3434, 39.8312, 36.1337** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.9416, 43.2291, 55.0071**, and the grayscale version is **38.5593, 40.5674, 44.1779**.

A 20% lighter version of the original color is **75.0745, 74.9913, 70.1924**, and **18.3957, 17.8019, 15.2985** is the 20% darker color. If you saturate the color by 10%, you get **36.5604, 34.6002, 27.6737**, and if you desaturate by 10%, it is **44.6440, 45.6959, 46.0030**.

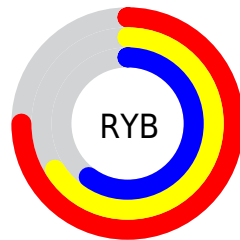
Distribution



Red (75%)

Green (64%)

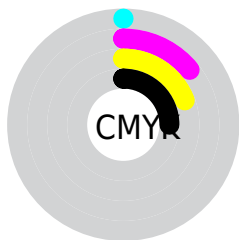
Blue (60%)



Red (75%)

Yellow (66%)

Blue (60%)

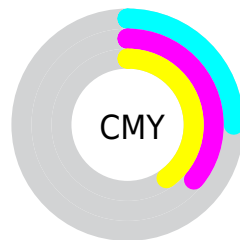


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (25%)



Cyan (25%)


Magenta (36%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3434, 39.8312, 36.1337 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 40.3434, 39.8312, 36.1337 by changing the saturation by 10% instead.


 40.3434, 39.8312,
36.1337


 40.3434, 39.8312,
36.1337


338.6785,
345.4116, 344.5996

 27.9918, 27.4070,
24.2470


 74.9672, 74.9064,
70.4097

 18.4599, 17.8791,
15.3030

 97.9700, 98.3262,
93.6361

 11.3824, 10.8632,
8.8834


125.2540,
126.1799, 121.4795

 6.3938, 5.9749,
4.5694

157.1845,
158.8519, 154.3583

 3.1289, 2.8298,
1.9426

194.1269,
196.7267, 192.6912

 1.2223, 1.0436,
0.5197

236.4464,

 0.1239, 0.0000,

240.1887, 236.8967

0.0000

284.5085,
289.6222, 287.3933

■ 0.0000, 0.0000,
0.0000

■ 40.3434, 39.8312,
36.1337

■ 40.3434, 39.8312,
36.1337

■ 36.5604, 34.6002,
27.6737

■ 44.6440, 45.6959,
46.0030

■ 33.2716, 29.9759,
20.5557

■ 49.4780, 52.2092,
57.3395

■ 30.4567, 25.9376,
14.7107

■ 54.8643, 59.3923,
70.2011

■ 28.0924, 22.4610,
10.0627

■ 60.8202, 67.2639,
84.6416

■ 26.1534, 19.5203,
6.5272

■ 67.3619, 75.8418,
100.7123

■ 24.6118, 17.0874,
4.0086

■ 72.3404, 84.2774,
107.0622

■ 23.4356, 15.1312,
2.3949

■ 75.0453, 89.6872,
107.9638

■ 22.5768, 13.6126,
1.4950

■ 22.4992, 13.4751,
1.4151

Harmonies

Analogous

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



41.4116, 39.8312, 40.2781



40.3434, 39.8312, 36.1337



38.6294, 39.8312, 34.0038

Triad

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



40.3434, 39.8312, 36.1337



34.4288, 39.8312, 41.2129



38.9753, 39.8312, 54.0110

Complementary

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



40.3434, 39.8312, 36.1337



38.9416, 43.2291, 55.0071

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.



37.0977, 39.8312, 54.3138



40.3434, 39.8312, 36.1337



34.5144, 39.8312, 46.6150

Square

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



40.3434, 39.8312, 36.1337



35.2395, 39.8312, 36.7691



35.4775, 39.8312, 51.5118



40.6039, 39.8312, 50.7158

Rectangle

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



40.3434, 39.8312, 36.1337



37.3698, 39.8312, 33.8858



35.4775, 39.8312, 51.5118



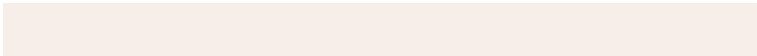
38.3511, 39.8312, 54.4755

Sweetspot

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



40.3445, 39.8330, 36.1345



83.2973, 86.0491, 88.9425



41.0702, 37.3705, 48.4429



18.1677, 18.7286, 19.2426



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



40.3445, 39.8330, 36.1345



69.9619, 67.8477, 58.3875



43.7144, 46.5729, 37.2579



9.7402, 9.9564, 9.9850



15.0184, 9.0757, 0.9602



0.6454, 0.4697, 0.0566

Inverse Universe

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



38.9416, 43.2291, 55.0071



66.9203, 75.1986, 99.2668



35.6121, 36.5701, 53.8972



9.5784, 10.3490, 12.1649



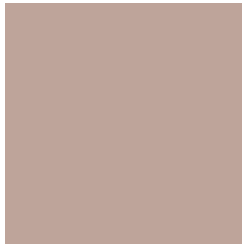
12.2163, 14.5443, 34.5564



0.5308, 0.6744, 1.3710

Previews

White Background



This preview shows how the XYZ color 40.3434, 39.8312, 36.1337 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 40.3434, 39.8312, 36.1337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

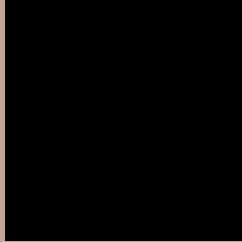
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3434, 39.8312, 36.1337

Background



This preview shows how black text looks on a background with the XYZ color 40.3434, 39.8312, 36.1337.



This preview shows how white text looks on a background with the XYZ color 40.3434, 39.8312,

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

40.3434, 39.8312, 36.1337

Protanopia

38.1783, 40.0404, 37.6146

Deuteranopia

40.4158, 39.6038, 36.0860



Tritanopia

42.1231, 39.7522, 45.4972

Trichromacy



Original Color

40.3434, 39.8312, 36.1337

Protanomaly

38.8755, 39.8615, 37.0976

Deuteranomaly

40.4158, 39.6038, 36.0860

Tritanomaly

41.3812, 39.7070, 42.0424

Monochromacy



Original Color

40.3434, 39.8312, 36.1337

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.1543, 40.1869, 41.2905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3434, 39.8312, 36.1337 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(190, 164, 154)` looks like.

```
.text, #text, p{  
    color:rgb(190, 164, 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(190, 164, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 164, 154) }
```

Border

The CSS property to change the border of an element to XYZ 40.3434, 39.8312, 36.1337 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(190, 164, 154) }
```


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

```
.border{ border-color:rgb(190, 164, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 164, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 164, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 164, 154);  
box-shadow:4px 4px 4px 4px rgb(190, 164,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3434, 39.8312, 36.1337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 164, 154) }
```

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

```
.background{ background-color: rgb(190,  
164, 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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