

Converting Colors

XYZ(42.0137, 41.8104, 34.7080)

Have a look what the booklet for
XYZ(42.0137, 41.8104, 34.7080)
contains.

XYZ(42.0133, 41.8094, 34.7098)	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(42.0133, 41.8094,
34.7098)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A896
RGB	195, 168, 150
RGB Percent	76%, 66%, 59%
CMY	0.2353, 0.3412, 0.4118
CMYK	0.00, 0.14, 0.23, 0.24
HSL	24°, 27%, 68%
HSV	24°, 23%, 76%
XYZ	42.0133, 41.8094, 34.7098
YIQ	174.0210, 21.8700, 0.1260

Conversions

Conversions Part 2

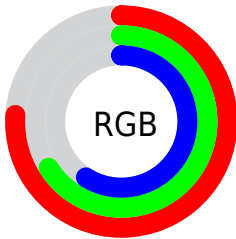
Format	Color
R_{YB}	195, 180, 150
Decimal	12822678
CIE _{Lab}	70.74, 7.00, 12.93
CIE _{LCh}	71, 14.701, 61.557
Yxy	41.8094, 0.3544, 0.3527
Android (android.graphics.Color)	4291012758 (0xFFC3A896)
YUV	174.0210, -11.8424, 18.3986
Hunter-Lab	64.6602, 2.8260, 13.4351

Details

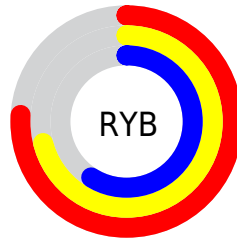
The XYZ color **42.0133, 41.8094, 34.7098** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.1497, 41.8672, 57.7004**, and the grayscale version is **40.2949, 42.3933, 46.1663**.

A 20% lighter version of the original color is **77.4316, 77.8304, 68.0684**, and **19.4820, 19.0544, 14.4554** is the 20% darker color. If you saturate the color by 10%, you get **38.5088, 37.1074, 26.4287**, and if you desaturate by 10%, it is **45.9757, 47.0084, 44.4337**.

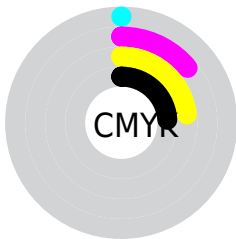
Distribution



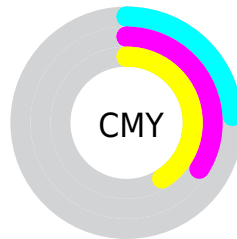
- Red (76%)
- Green (66%)
- Blue (59%)



- Red (76%)
- Yellow (71%)
- Blue (59%)



- Cyan (0%)
- Magenta (14%)
- Yellow (23%)
- Black (24%)





- Cyan (24%)
- Magenta (34%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0133, 41.8094, 34.7098 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 42.0133, 41.8094, 34.7098 by changing the saturation by 10% instead.


 42.0133, 41.8094,
34.7098

 42.0133, 41.8094,
34.7098


345.5288,
353.6922, 338.1508

 29.3029, 28.9521,
23.1577


 77.4848, 77.9111,
68.1824

 19.4555, 19.0446,
14.5036


 100.9766,
101.9242, 90.9400

 12.1058, 11.7025,
8.3290

128.7928,
130.4248, 118.2697

 6.8885, 6.5414,
4.2154

161.2989,
163.7971, 150.5903

 3.4382, 3.1770,
1.7442

198.8602,
202.4256, 188.3201

 1.3895, 1.2248,
0.3908

241.8420,

 0.2487, 0.0818,

246.6947, 231.8778

0.0000

290.6098,
296.9888, 281.6818

■ 0.0000, 0.0000,
0.0000

■ 42.0133, 41.8094,
34.7098

■ 42.0133, 41.8094,
34.7098

■ 38.5088, 37.1074,
26.4287

■ 45.9757, 47.0084,
44.4337

■ 35.4407, 32.8812,
19.5181

■ 50.4096, 52.7132,
55.6626

■ 32.7910, 29.1167,
13.9031

■ 55.3322, 58.9399,
68.4586

■ 30.5387, 25.7964,
9.5007

■ 60.7585, 65.7016,
82.8791

■ 28.6606, 22.9019,
6.2182

■ 66.7032, 73.0114,
98.9788

■ 27.1307, 20.4129,
3.9491

■ 71.1868, 80.0843,
106.3136

■ 25.9188, 18.3069,
2.5654

■ 74.7079, 87.1265,
107.4873

■ 25.2314, 17.0535,
1.9618

■ 76.3157, 90.3421,
108.0233

Harmonies

Analogous

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



43.8683, 41.8094, 38.8527



42.0133, 41.8094, 34.7098



39.6114, 41.8094, 33.3788

Triad

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



42.0133, 41.8094, 34.7098



35.2345, 41.8094, 45.8890



42.2426, 41.8094, 57.9480

Complementary

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



42.0133, 41.8094, 34.7098



38.1497, 41.8672, 57.7004

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.



39.8661, 41.8094, 60.3053



42.0133, 41.8094, 34.7098



35.8765, 41.8094, 52.9169

Square

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



42.0133, 41.8094, 34.7098



35.7577, 41.8094, 39.4239



37.5475, 41.8094, 58.3775



44.0045, 41.8094, 52.2215

Rectangle

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



42.0133, 41.8094, 34.7098



38.0410, 41.8094, 34.1441



37.5475, 41.8094, 58.3775



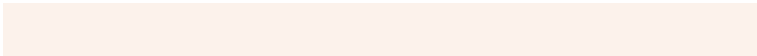
41.4859, 41.8094, 59.1856

Sweetspot

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



42.0144, 41.8113, 34.7107



86.9786, 90.1792, 91.2516



41.3482, 36.5896, 46.4785



18.9394, 19.6095, 19.7090



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



42.0144, 41.8113, 34.7107



71.7849, 70.2626, 53.9068



46.5329, 50.8482, 36.2168



10.3965, 10.7245, 10.5840



16.4764, 11.2386, 1.3009



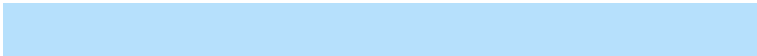
0.7793, 0.6204, 0.0787

Inverse Universe

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



38.1497, 41.8672, 57.7004



63.5789, 70.3754, 102.7026



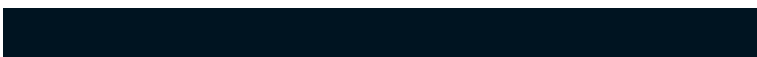
34.0667, 33.7013, 56.3394



10.0195, 10.7303, 12.8279



10.6194, 10.9952, 35.1192



0.5248, 0.6070, 1.5394

Previews

White Background



This preview shows how the XYZ color 42.0133, 41.8094, 34.7098 looks on a white background.

Color Contrast Check

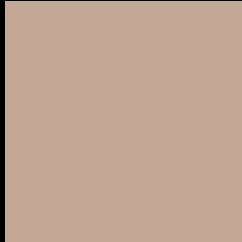
Large Text (above 18pt) WCAG AA × Fail

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 42.0133, 41.8094, 34.7098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

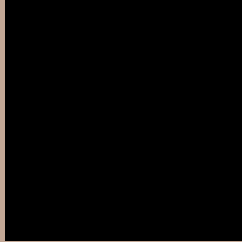
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0133, 41.8094, 34.7098

Background



This preview shows how black text looks on a background with the XYZ color 42.0133, 41.8094, 34.7098.



This preview shows how white text looks on a background with the XYZ color 42.0133, 41.8094,

34.7098.

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

42.0133, 41.8094, 34.7098

Protanopia

39.6671, 41.9779, 35.7176

Deuteranopia

42.6124, 41.8452, 34.6852



Tritanopia

44.5000, 41.7310, 47.3045

Trichromacy



Original Color

42.0133, 41.8094, 34.7098

Protanomaly

40.3985, 41.7993, 35.2170

Deuteranomaly

42.3497, 41.7098, 34.6729

Tritanomaly

43.4561, 41.5706, 42.2928

Monochromacy



Original Color

42.0133, 41.8094, 34.7098

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.8355, 42.1667, 41.5840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0133, 41.8094, 34.7098 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(195, 168, 150)` looks like.

```
.text, #text, p{  
    color:rgb(195, 168, 150)  
}
```

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(195, 168, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 168, 150) }
```

Border

The CSS property to change the border of an element to XYZ 42.0133, 41.8094, 34.7098 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(195, 168, 150) }
```


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

```
.border{ border-color:rgb(195, 168, 150) }
```

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

Here you see how a box with a 4 pixel rgb(195, 168, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 168, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 168, 150);  
box-shadow:4px 4px 4px 4px rgb(195, 168,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0133, 41.8094, 34.7098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 168, 150) }
```

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

```
.background{ background-color: rgb(195,  
168, 150) }
```

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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