

Converting Colors

XYZ(42.4409, 42.4460, 34.7268)

Have a look what the booklet for
XYZ(42.4409, 42.4460, 34.7268)
contains.

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Color

**XYZ(42.6447, 42.6872,
34.8460)**

Conversions

Conversions Part 1

Format	Color
Hex	C4AA96
RGB	196, 170, 150
RGB Percent	77%, 67%, 59%
CMY	0.2314, 0.3333, 0.4118
CMYK	0.00, 0.13, 0.23, 0.23
HSL	26°, 28%, 68%
HSV	26°, 23%, 77%
XYZ	42.6447, 42.6872, 34.8460
YIQ	175.4940, 21.9160, -0.7080

Conversions

Conversions Part 2

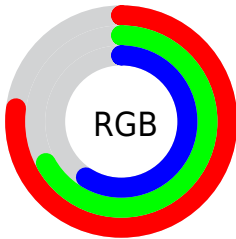
Format	Color
R_{YB}	196, 185, 150
Decimal	12888726
CIE _{Lab}	71.34, 6.30, 13.79
CIE _{LCh}	71, 15.159, 65.436
Yxy	42.6872, 0.3548, 0.3552
Android (android.graphics.Color)	4291078806 (0xFFC4AA96)
YUV	175.4940, -12.5685, 17.9838
Hunter-Lab	65.3354, 2.1706, 14.1131

Details

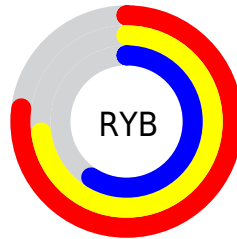
The XYZ color **42.6447, 42.6872, 34.8460** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.0665, 41.5192, 58.2325**, and the grayscale version is **41.0598, 43.1981, 47.0427**.

A 20% lighter version of the original color is **78.3323, 79.0927, 68.2646**, and **19.8859, 19.6085, 14.5411** is the 20% darker color. If you saturate the color by 10%, you get **39.2071, 38.1299, 26.5540**, and if you desaturate by 10%, it is **46.5236, 47.7039, 44.5885**.

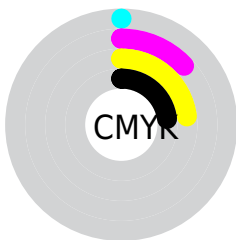
Distribution



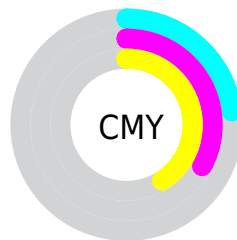
- Red (77%)
- Green (67%)
- Blue (59%)



- Red (77%)
- Yellow (73%)
- Blue (59%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (23%)



- Cyan (23%)
- Magenta (33%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6447, 42.6872, 34.8460 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 42.6447, 42.6872, 34.8460 by changing the saturation by 10% instead.


 42.6447, 42.6872,
34.8460


 42.6447, 42.6872,
34.8460


348.0949,
357.3238, 338.7716

 29.7998, 29.6398,
23.2617


 78.4335, 79.2386,
68.3960

 19.8340, 19.5653,
14.5797


 102.1080,
103.5114, 91.1987

 12.3820, 12.0795,
8.3816


130.1232,
132.2947, 118.5780

 7.0784, 6.7978,
4.2488

162.8442,
165.9730, 150.9524

 3.5580, 3.3360,
1.7628

200.6366,
204.9307, 188.7404

 1.4552, 1.3096,
0.4033

243.8656,

 0.2951, 0.1486,

249.5521, 232.3606

0.0000

292.8965,
300.2217, 282.2315

■ 0.0000, 0.0000,
0.0000

■ 42.6447, 42.6872,
34.8460

■ 42.6447, 42.6872,
34.8460

■ 39.2071, 38.1299,
26.5540

■ 46.5236, 47.7039,
44.5885

■ 36.1900, 34.0124,
19.6393

■ 50.8566, 53.1875,
55.8446

■ 33.5758, 30.3220,
14.0262

■ 55.6606, 59.1523,
68.6767

■ 31.3441, 27.0432,
9.6307

■ 60.9499, 65.6105,
83.1431

■ 29.4726, 24.1591,
6.3587

■ 66.7388, 72.5737,
99.2989

■ 27.9359, 21.6516,
4.1020

■ 70.9445, 79.2147,
106.1585

■ 26.7043, 19.5001,
2.7305

■ 74.2416, 85.8089,
107.2576

■ 26.0320, 18.2697,
2.1544

■ 76.5751, 90.4758,
108.0354

Harmonies

Analogous

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



44.6987, 42.6872, 38.8066



42.6447, 42.6872, 34.8460



40.1104, 42.6872, 33.8591

Triad

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



42.6447, 42.6872, 34.8460



35.8867, 42.6872, 47.8215



43.4814, 42.6872, 58.8794

Complementary

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



42.6447, 42.6872, 34.8460



38.0665, 41.5192, 58.2325

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.



41.0390, 42.6872, 61.8997



42.6447, 42.6872, 34.8460



36.7092, 42.6872, 55.1016

Square

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



42.6447, 42.6872, 34.8460



36.2766, 42.6872, 40.8846



38.5693, 42.6872, 60.4498



45.1958, 42.6872, 52.5620

Rectangle

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



42.6447, 42.6872, 34.8460



38.5041, 42.6872, 34.9205



38.5693, 42.6872, 60.4498



42.7146, 42.6872, 60.3424

Sweetspot

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



42.6458, 42.6891, 34.8469



89.1739, 92.6350, 93.4161



41.5148, 36.6862, 46.0024



18.9827, 19.6962, 19.7235



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.



42.6458, 42.6891, 34.8469



74.0611, 73.1265, 55.3393



47.3255, 52.0486, 36.4068



10.4254, 10.7823, 10.5936



16.8090, 11.9037, 1.4117



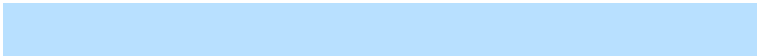
0.7947, 0.6512, 0.0838

Inverse Universe

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



38.0665, 41.5192, 58.2325



64.3638, 70.6457, 104.8514



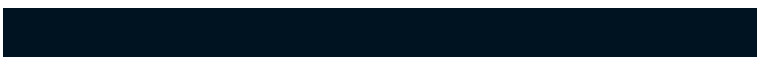
33.9442, 33.2744, 56.8584



9.9900, 10.6713, 12.8181



10.1252, 10.0070, 34.9545



0.5050, 0.5674, 1.5328

Previews

White Background



This preview shows how the XYZ color 42.6447, 42.6872, 34.8460 looks on a white background.

Color Contrast Check

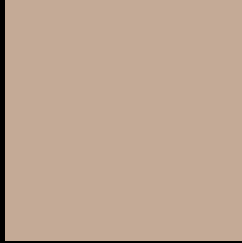
Large Text (above 18pt) WCAG AA × Fail

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 42.6447, 42.6872, 34.8460 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 42.6447, 42.6872, 34.8460

Background



This preview shows how black text looks on a background with the XYZ color 42.6447, 42.6872, 34.8460.



This preview shows how white text looks on a background with the XYZ color 42.6447, 42.6872,

34.8460.

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

42.6447, 42.6872, 34.8460

Protanopia

40.3320, 42.6064, 35.8039

Deuteranopia

43.3271, 42.4866, 34.7713



Tritanopia

45.3261, 42.6692, 48.4949

Trichromacy



Original Color

42.6447, 42.6872, 34.8460

Protanomaly

41.2685, 42.8129, 35.3668

Deuteranomaly

43.2462, 42.7201, 34.8206

Tritanomaly

44.1753, 42.4704, 42.9151

Monochromacy



Original Color

42.6447, 42.6872, 34.8460

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.3549, 42.7076, 42.1401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6447, 42.6872, 34.8460 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(196, 170, 150)` looks like.

```
.text, #text, p{  
    color:rgb(196, 170, 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(196, 170, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 170, 150) }
```

Border

The CSS property to change the border of an element to XYZ 42.6447, 42.6872, 34.8460 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(196, 170, 150) }
```


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

```
.border{ border-color:rgb(196, 170, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 170, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 170, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 170, 150);  
box-shadow:4px 4px 4px 4px rgb(196, 170,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6447, 42.6872, 34.8460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 170, 150) }
```

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

```
.background{ background-color: rgb(196,  
170, 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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