

Converting Colors

XYZ(42.7681, 43.8189, 34.3091)

Have a look what the booklet for
XYZ(42.7681, 43.8189, 34.3091)
contains.

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Color

**XYZ(42.7295, 43.8796,
34.2345)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C2AE94 |
| RGB | 194, 174, 148 |
| RGB Percent | 76%, 68%, 58% |
| CMY | 0.2392, 0.3176, 0.4196 |
| CMYK | 0.00, 0.10, 0.24, 0.24 |
| HSL | 34°, 27%, 67% |
| HSV | 34°, 24%, 76% |
| XYZ | 42.7295, 43.8796, 34.2345 |
| YIQ | 177.0160, 20.2660, -3.8460 |

Conversions

Conversions Part 2

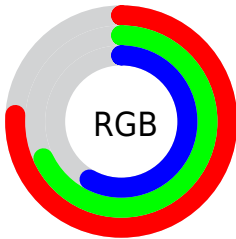
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 183, 194, 148 |
| Decimal | 12758676 |
| CIE Lab | 72.15, 3.08, 15.98 |
| CIE LCh | 72, 16.276, 79.084 |
| Yxy | 43.8796, 0.3536, 0.3631 |
| Android (android.graphics.Color) | 4290948756 (0xFFC2AE94) |
| YUV | 177.0160, -14.3049, 14.8950 |
| Hunter-Lab | 66.2417, -0.7807, 15.7274 |

Details

The XYZ color **42.7295, 43.8796, 34.2345** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.9527, 38.1952, 56.5166**, and the grayscale version is **41.8647, 44.0449, 47.9649**.

A 20% lighter version of the original color is **78.4636, 80.8121, 67.3399**, and **19.9324, 20.3576, 14.1881** is the 20% darker color. If you saturate the color by 10%, you get **39.7428, 40.1609, 26.2874**, and if you desaturate by 10%, it is **46.0783, 47.9099, 43.5731**.

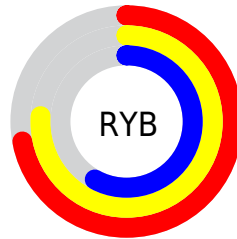
Distribution



Red (76%)

Green (68%)

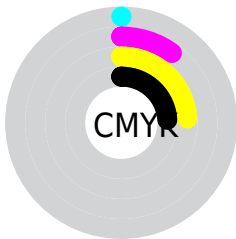
Blue (58%)



Red (72%)

Yellow (76%)

Blue (58%)

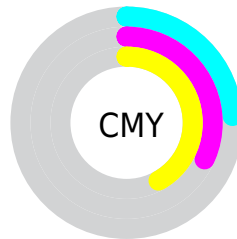


Cyan (0%)

Magenta (10%)

Yellow (24%)

Black (24%)



Cyan (24%)


Magenta (32%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7295, 43.8796, 34.2345 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 42.7295, 43.8796, 34.2345 by changing the saturation by 10% instead.


 42.7295, 43.8796,
34.2345


 42.7295, 43.8796,
34.2345


348.4386,
362.2167, 335.9774

 29.8665, 30.5759,
22.7950


 78.5608, 81.0365,
67.4362

 19.8849, 20.2761,
14.2383


 102.2598,
105.6585, 90.0355

 12.4192, 12.5959,
8.1460


130.3015,
134.8221, 117.1918

 7.1040, 7.1509,
4.0994

163.0513,
168.9116, 149.3237

 3.5742, 3.5566,
1.6800

200.8746,
208.3114, 186.8496

 1.4642, 1.4288,
0.3470

244.1366,

 0.3013, 0.2378,

253.4059, 230.1882

0.0000

293.2028,
304.5796, 279.7580

■ 0.0000, 0.0000,
0.0000

■ 42.7295, 43.8796,
34.2345

■ 42.7295, 43.8796,
34.2345

■ 39.7428, 40.1609,
26.2874

■ 46.0783, 47.9099,
43.5731

■ 37.0999, 36.7388,
19.6608

■ 49.7993, 52.2541,
54.3637

■ 34.7862, 33.6061,
14.2818

■ 53.9068, 56.9224,
66.6669

■ 32.7844, 30.7527,
10.0689

■ 58.4129, 61.9222,
80.5387

■ 31.0754, 28.1675,
6.9311

■ 63.3294, 67.2610,
96.0324

■ 29.6371, 25.8386,
4.7636

■ 67.1163, 72.3255,
105.0306

■ 28.4436, 23.7519,
3.4398

■ 69.4474, 76.9877,
105.8076

■ 27.7886, 22.5502,
2.8880

■ 71.8926, 81.8782,
106.6227

■ 74.4535, 86.9999,
107.4763

Harmonies

Analogous

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



45.3161, 43.8796, 37.0913



42.7295, 43.8796, 34.2345



39.9783, 43.8796, 34.6896

Triad

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



42.7295, 43.8796, 34.2345



36.8433, 43.8796, 52.9739



45.8890, 43.8796, 58.5527

Complementary

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



42.7295, 43.8796, 34.2345



35.9527, 38.1952, 56.5166

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.



43.4833, 43.8796, 63.8016



42.7295, 43.8796, 34.2345



38.2934, 43.8796, 60.3410

Square

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



42.7295, 43.8796, 34.2345



36.6617, 43.8796, 44.9291



40.6995, 43.8796, 64.4903



47.1935, 43.8796, 50.7437

Rectangle

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



42.7295, 43.8796, 34.2345



38.4176, 43.8796, 36.8254



40.6995, 43.8796, 64.4903



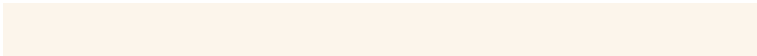
45.1775, 43.8796, 60.7105

Sweetspot

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



42.7307, 43.8816, 34.2354



87.8538, 91.9297, 91.5434



39.9717, 35.5030, 42.1351



19.1468, 20.0243, 19.7782



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.



42.7307, 43.8816, 34.2354



74.7750, 76.2429, 54.9035



46.2997, 51.8893, 35.5930



10.5350, 11.0015, 10.6301



18.3529, 14.9916, 1.9264



0.8605, 0.7828, 0.1057

Inverse Universe

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



35.9527, 38.1952, 56.5166



60.5441, 64.3059, 101.6910



32.9610, 31.5880, 55.3990



9.8804, 10.4521, 12.7815



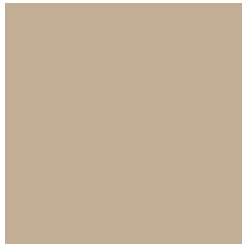
8.5819, 6.9204, 34.4401



0.4392, 0.4359, 1.5109

Previews

White Background



This preview shows how the XYZ color 42.7295, 43.8796, 34.2345 looks on a white background.

Color Contrast Check

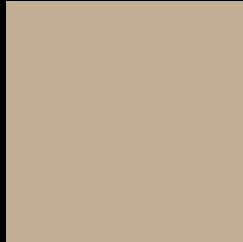
Large Text (above 18pt) WCAG AA × Fail

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 42.7295, 43.8796, 34.2345 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

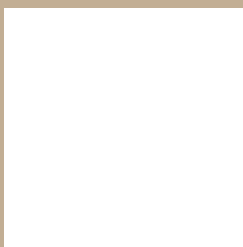
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.7295, 43.8796, 34.2345

Background



This preview shows how black text looks on a background with the XYZ color 42.7295, 43.8796, 34.2345.



This preview shows how white text looks on a background with the XYZ color 42.7295, 43.8796,

34.2345.

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

42.7295, 43.8796, 34.2345

Protanopia

41.3967, 44.0533, 34.7551

Deuteranopia

44.7014, 43.7567, 34.5236



Tritanopia

45.9202, 43.7591, 50.2821

Trichromacy



Original Color

42.7295, 43.8796, 34.2345

Protanomaly

41.9364, 44.0394, 34.7239

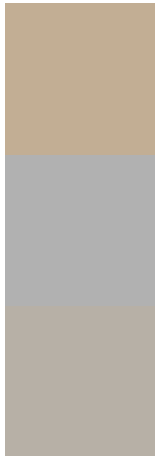
Deuteranomaly

43.8071, 43.5751, 34.5357

Tritanomaly

44.8446, 43.8984, 44.1399

Monochromacy



Original Color

42.7295, 43.8796, 34.2345

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.9367, 43.8711, 42.3341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7295, 43.8796, 34.2345 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(194, 174, 148)` looks like.

```
.text, #text, p{  
    color:rgb(194, 174, 148)  
}
```

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(194, 174, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 174, 148) }
```

Border

The CSS property to change the border of an element to XYZ 42.7295, 43.8796, 34.2345 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(194, 174, 148) }
```


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

```
.border{ border-color:rgb(194, 174, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 174, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 174, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 174, 148);  
box-shadow:4px 4px 4px 4px rgb(194, 174,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7295, 43.8796, 34.2345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 174, 148) }
```

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

```
.background{ background-color: rgb(194,  
174, 148) }
```

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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