

Converting Colors

XYZ(43.4605, 42.0020, 34.2516)

Have a look what the booklet for
XYZ(43.4605, 42.0020, 34.2516)
contains.

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Color

**XYZ(43.4182, 41.9989,
34.2520)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA695
RGB	202, 166, 149
RGB Percent	79%, 65%, 58%
CMY	0.2078, 0.3490, 0.4157
CMYK	0.00, 0.18, 0.26, 0.21
HSL	19°, 33%, 69%
HSV	19°, 26%, 79%
XYZ	43.4182, 41.9989, 34.2520
YIQ	174.8260, 26.9130, 2.3450

Conversions

Conversions Part 2

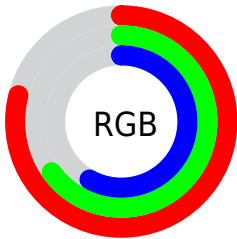
Format	Color
R _Y B	202, 174, 149
Decimal	13280917
CIE Lab	70.87, 10.64, 13.76
CIE LCh	71, 17.388, 52.286
Yxy	41.9989, 0.3628, 0.3510
Android (android.graphics.Color)	4291470997 (0xFFCAA695)
YUV	174.8260, -12.7322, 23.8316
Hunter-Lab	64.8066, 6.1775, 14.0282

Details

The XYZ color **43.4182, 41.9989, 34.2520** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.4038, 45.3507, 62.5015**, and the grayscale version is **40.7125, 42.8327, 46.6448**.

A 20% lighter version of the original color is **77.8759, 77.2847, 67.3128**, and **20.2545, 19.1195, 14.1782** is the 20% darker color. If you saturate the color by 10%, you get **39.5812, 36.6856, 25.6946**, and if you desaturate by 10%, it is **47.8033, 47.9601, 44.3730**.

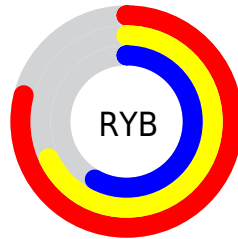
Distribution



Red (79%)

Green (65%)

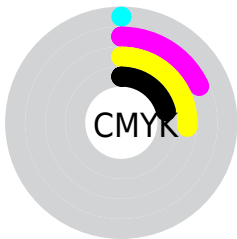
Blue (58%)



Red (79%)

Yellow (68%)

Blue (58%)

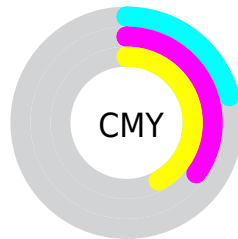


Cyan (0%)

Magenta (18%)

Yellow (26%)

Black (21%)



Cyan (21%)

Magenta (35%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4182, 41.9989, 34.2520 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 43.4182, 41.9989, 34.2520 by changing the saturation by 10% instead.


 43.4182, 41.9989,
34.2520

 43.4182, 41.9989,
34.2520


351.2212,
354.4784, 336.0576

 30.4093, 29.1004,
22.8083


 79.5933, 78.1980,
67.4637

 20.2991, 19.1568,
14.2481


 103.4903,
102.2673, 90.0689

 12.7222, 11.7836,
8.1527

131.7474,
130.8291, 117.2316

 7.3132, 6.5965,
4.1036

164.7299,
164.2678, 149.3704

 3.7068, 3.2111,
1.6824

202.8031,
202.9676, 186.9039

 1.5376, 1.2429,
0.3486

246.3325,

 0.3512, 0.0963,

247.3131, 230.2506

0.0000

295.6835,
297.6885, 279.8290

■ 0.0000, 0.0000,
0.0000

■ 43.4182, 41.9989,
34.2520

■ 43.4182, 41.9989,
34.2520

■ 39.5812, 36.6856,
25.6946

■ 47.8033, 47.9601,
44.3730

■ 36.2661, 31.9921,
18.6194

■ 52.7544, 54.5846,
56.1283

■ 33.4496, 27.8964,
12.9414

■ 58.2929, 61.8946,
69.5873

■ 31.1052, 24.3732,
8.5662

■ 64.4377, 69.9094,
84.8145

■ 29.2033, 21.3951,
5.3869

■ 71.2073, 78.6477,
101.8713

■ 27.7107, 18.9320,
3.2799

■ 76.0735, 87.1090,
107.4120

■ 26.5872, 16.9498,
2.0886

■ 78.1673, 91.2966,
108.1099

■ 26.2365, 16.3151,
1.7663

Harmonies

Analogous

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



45.2888, 41.9989, 39.9518



43.4182, 41.9989, 34.2520



40.6699, 41.9989, 31.6929

Triad

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



43.4182, 41.9989, 34.2520



34.6575, 41.9989, 43.6249



42.0650, 41.9989, 62.1068

Complementary

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



43.4182, 41.9989, 34.2520



40.4038, 45.3507, 62.5015

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.



39.1768, 41.9989, 63.3978



43.4182, 41.9989, 34.2520



34.9908, 41.9989, 52.0394

Square

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



43.4182, 41.9989, 34.2520



35.6790, 41.9989, 36.6623



36.6125, 41.9989, 59.5216



44.4816, 41.9989, 56.1809

Rectangle

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



43.4182, 41.9989, 34.2520



38.7470, 41.9989, 31.8660



36.6125, 41.9989, 59.5216



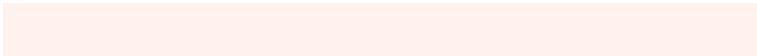
41.1138, 41.9989, 63.1240

Sweetspot

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



43.4193, 42.0008, 34.2529



87.6758, 90.2315, 91.0900



43.8849, 37.5639, 50.9570



18.4851, 18.9383, 18.8255



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.



43.4193, 42.0008, 34.2529



70.0308, 66.3112, 50.1567



48.6943, 52.5507, 36.0112



11.5013, 11.7915, 11.7492



16.9547, 10.6424, 1.1606



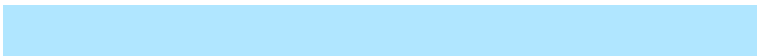
0.9434, 0.6864, 0.0828

Inverse Universe

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



40.4038, 45.3507, 62.5015



64.1395, 72.8370, 105.2862



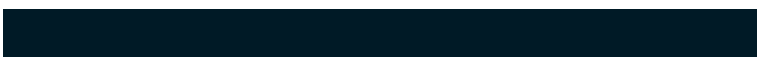
35.4051, 35.3533, 60.8353



11.2280, 12.0965, 14.3134



12.7176, 14.4592, 38.0769



0.7228, 0.8794, 1.9866

Previews

White Background



This preview shows how the XYZ color 43.4182, 41.9989, 34.2520 looks on a white background.

Color Contrast Check

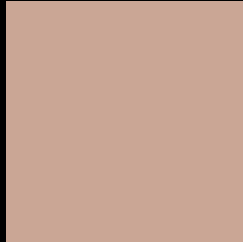
Large Text (above 18pt) WCAG AA × Fail

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 43.4182, 41.9989, 34.2520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

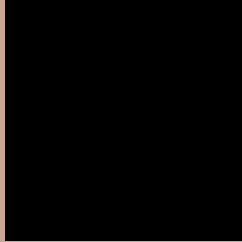
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4182, 41.9989, 34.2520

Background



This preview shows how black text looks on a background with the XYZ color 43.4182, 41.9989, 34.2520.



This preview shows how white text looks on a background with the XYZ color 43.4182, 41.9989,

34.2520.

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

43.4182, 41.9989, 34.2520

Protanopia

39.9847, 42.1321, 36.1619

Deuteranopia

42.7967, 41.9495, 34.2752



Tritanopia

45.8350, 41.9149, 46.2321

Trichromacy



Original Color

43.4182, 41.9989, 34.2520

Protanomaly

41.0285, 41.8353, 35.6183

Deuteranomaly

43.0629, 42.0867, 34.2877

Tritanomaly

44.8820, 41.7849, 41.7762

Monochromacy



Original Color

43.4182, 41.9989, 34.2520

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.6430, 42.5725, 42.0989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4182, 41.9989, 34.2520 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(202, 166, 149)` looks like.

```
.text, #text, p{  
    color:rgb(202, 166, 149)  
}
```

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(202, 166, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 166, 149) }
```

Border

The CSS property to change the border of an element to XYZ 43.4182, 41.9989, 34.2520 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(202, 166, 149) }
```


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

```
.border{ border-color:rgb(202, 166, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 166, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 166, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 166, 149); box-shadow:4px 4px 4px 4px rgb(202, 166, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4182, 41.9989, 34.2520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 166, 149) }
```

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

```
.background{ background-color: rgb(202,  
166, 149) }
```

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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