

# Converting Colors

XYZ(44.1296, 43.4340, 35.7635)

Have a look what the booklet for  
XYZ(44.1296, 43.4340, 35.7635)  
contains.

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# Color

**XYZ(44.1296, 43.4340,  
35.7635)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9AA98
RGB	201, 170, 152
RGB Percent	79%, 67%, 60%
CMY	0.2118, 0.3333, 0.4039
CMYK	0.00, 0.15, 0.24, 0.21
HSL	22°, 31%, 69%
HSV	22°, 24%, 79%
XYZ	44.1296, 43.4340, 35.7635
YIQ	177.2170, 24.2540, 0.9740

# Conversions

## Conversions Part 2

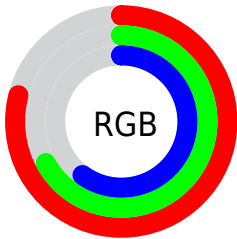
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 180, 152
Decimal	13216408
CIE <sub>Lab</sub>	71.85, 8.51, 13.47
CIE <sub>LCh</sub>	72, 15.934, 57.712
Yxy	43.4340, 0.3578, 0.3522
Android (android.graphics.Color)	4291406488 (0xFFC9AA98)
YUV	177.2170, -12.4320, 20.8577
Hunter-Lab	65.9045, 4.1907, 13.9590

# Details

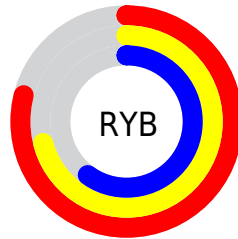
The XYZ color **44.1296, 43.4340, 35.7635** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.4245, 44.7581, 61.7670**, and the grayscale version is **41.9594, 44.1445, 48.0734**.

A 20% lighter version of the original color is **79.3058, 79.5667, 69.5706**, and **20.6815, 20.0074, 15.0837** is the 20% darker color. If you saturate the color by 10%, you get **40.3518, 38.2932, 27.0590**, and if you desaturate by 10%, it is **48.4193, 49.1515, 46.0160**.

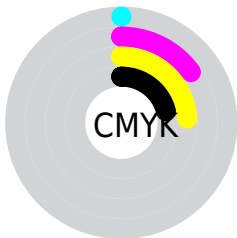
# Distribution



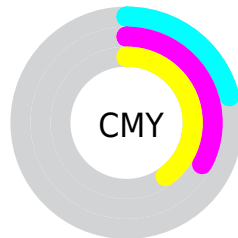
- Red (79%)
- Green (67%)
- Blue (60%)



- Red (79%)
- Yellow (71%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (21%)




- Cyan (21%)
- Magenta (33%)
- Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1296, 43.4340, 35.7635 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 44.1296, 43.4340, 35.7635 by changing the saturation by 10% instead.





 44.1296, 43.4340,  
35.7635

 44.1296, 43.4340,  
35.7635


354.0802,  
360.3936, 342.9318

 30.9708, 30.2258,  
23.9634


 80.6579, 80.3654,  
69.8318

 20.7283, 20.0100,  
15.0945


 104.7580,  
104.8573, 92.9370

 13.0369, 12.4023,  
8.7384


133.2359,  
133.8793, 120.6477

 7.5311, 7.0183,  
4.4764

166.4570,  
167.8157, 153.3824

 3.8457, 3.4736,  
1.8902

204.7866,  
207.0510, 191.5596

 1.6152, 1.3837,  
0.4865

248.5901,

 0.4023, 0.2046,

251.9694, 235.5979

0.0000

298.2329,  
302.9555, 285.9157

■ 0.0000, 0.0000,  
0.0000

■ 44.1296, 43.4340,  
35.7635

■ 44.1296, 43.4340,  
35.7635

■ 40.3518, 38.2932,  
27.0590

■ 48.4193, 49.1515,  
46.0160

■ 37.0618, 33.7044,  
19.8235

■ 53.2368, 55.4574,  
57.8847

■ 34.2387, 29.6500,  
13.9753

■ 58.6014, 62.3707,  
71.4370

■ 31.8585, 26.1089,  
9.4233

■ 64.5305, 69.9074,  
86.7356

■ 29.8948, 23.0584,  
6.0653

■ 71.0406, 78.0834,  
103.8400

■ 28.3177, 20.4739,  
3.7836

■ 75.1823, 85.7273,  
107.1922

■ 27.0923, 18.3277,  
2.4355

■ 77.8974, 91.1575,  
108.0973

■ 26.5265, 17.2957,  
1.9403

# Harmonies

## Analogous

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



46.0705, 43.4340, 40.6854



44.1296, 43.4340, 35.7635



41.4911, 43.4340, 33.8914

# Triad

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



44.1296, 43.4340, 35.7635



36.2912, 43.4340, 46.6990



43.7540, 43.4340, 61.7744

# Complementary

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



44.1296, 43.4340, 35.7635



40.4245, 44.7581, 61.7670

# 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.



41.0750, 43.4340, 63.8283



44.1296, 43.4340, 35.7635



36.8387, 43.4340, 54.5781

# Square

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



44.1296, 43.4340, 35.7635



37.0319, 43.4340, 39.7592



38.5610, 43.4340, 61.0652



45.8470, 43.4340, 55.7214



# Rectangle

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



44.1296, 43.4340, 35.7635



39.7174, 43.4340, 34.4516



38.5610, 43.4340, 61.0652



42.8886, 43.4340, 62.9826

# Sweetspot

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



44.1308, 43.4360, 35.7644



88.8111, 91.9094, 93.2952



43.8667, 38.2948, 49.8979



18.8988, 19.5283, 19.6955



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.



44.1308, 43.4360, 35.7644



72.1956, 69.8182, 53.4141



49.1509, 53.4764, 37.4378



10.9477, 11.2645, 11.1600



16.7593, 11.0357, 1.2468



0.8626, 0.6606, 0.0820



# Inverse Universe

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



40.4245, 44.7581, 61.7670



64.8140, 72.4422, 105.1744



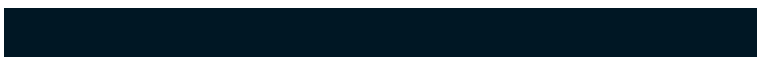
35.8100, 35.5291, 60.2289



10.6064, 11.3869, 13.5564



11.5024, 12.3988, 36.5313



0.6120, 0.7219, 1.7522



# Previews

## White Background



This preview shows how the XYZ color 44.1296, 43.4340, 35.7635 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 44.1296, 43.4340, 35.7635 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

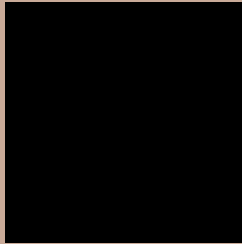
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 44.1296, 43.4340, 35.7635**

## **Background**



This preview shows how black text looks on a background with the XYZ color 44.1296, 43.4340, 35.7635.



This preview shows how white text looks on a background with the XYZ color 44.1296, 43.4340,

35.7635.

# 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

44.1296, 43.4340, 35.7635

### Protanopia

41.2089, 43.6076, 37.2555

### Deuteranopia

44.3993, 43.5730, 35.7761



## Tritanopia

46.6747, 43.3645, 48.5580

# Trichromacy



## Original Color

44.1296, 43.4340, 35.7635

## Protanomaly

42.2040, 43.5523, 36.7539

## Deuteranomaly

44.3993, 43.5730, 35.7761

## Tritanomaly

45.6088, 43.1985, 43.4704

# Monochromacy



## Original Color

44.1296, 43.4340, 35.7635

## Achromatopsia

41.7894, 43.9657, 47.8787

## Achromatomaly

42.4536, 43.5384, 43.2120

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 44.1296, 43.4340, 35.7635 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(201, 170, 152)` looks like.

```
.text, #text, p{  
    color:rgb(201, 170, 152)  
}
```

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(201, 170, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 170, 152) }
```

## Border

The CSS property to change the border of an element to XYZ 44.1296, 43.4340, 35.7635 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(201, 170, 152) }
```



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

```
.border{ border-color:rgb(201, 170, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 170, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 170, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 170, 152);  
box-shadow:4px 4px 4px 4px rgb(201, 170,  
152) }
```

# Background

The CSS property to change the background color of an element to XYZ 44.1296, 43.4340, 35.7635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 170, 152) }
```

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

```
.background{ background-color: rgb(201,  
170, 152) }
```

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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