

Converting Colors

XYZ(44.2017, 44.2522, 34.8609)

Have a look what the booklet for
XYZ(44.2017, 44.2522, 34.8609)
contains.

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Color

**XYZ(44.2680, 44.3685,
35.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	C8AD96
RGB	200, 173, 150
RGB Percent	78%, 68%, 59%
CMY	0.2157, 0.3215, 0.4118
CMYK	0.00, 0.13, 0.25, 0.22
HSL	28°, 31%, 69%
HSV	28°, 25%, 78%
XYZ	44.2680, 44.3685, 35.0850
YIQ	178.4510, 23.4750, -1.4290

Conversions

Conversions Part 2

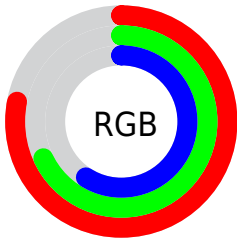
Format	Color
R_{YB}	200, 193, 150
Decimal	13151638
CIE _{Lab}	72.47, 6.22, 15.43
CIE _{LCh}	72, 16.633, 68.043
Yxy	44.3685, 0.3578, 0.3586
Android (android.graphics.Color)	4291341718 (0xFFC8AD96)
YUV	178.4510, -14.0263, 18.8985
Hunter-Lab	66.6097, 2.0620, 15.3972

Details

The XYZ color **44.2680, 44.3685, 35.0850** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.7248, 42.0973, 60.7283**, and the grayscale version is **42.6202, 44.8397, 48.8305**.

A 20% lighter version of the original color is **79.8825, 81.1064, 68.5716**, and **20.7666, 20.5953, 14.6852** is the 20% darker color. If you saturate the color by 10%, you get **40.8056, 39.8047, 26.6520**, and if you desaturate by 10%, it is **48.1750, 49.3811, 45.0234**.

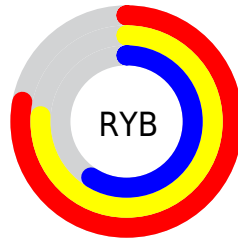
Distribution



Red (78%)

Green (68%)

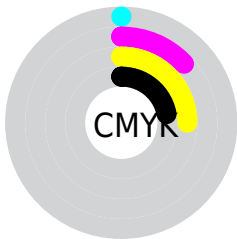
Blue (59%)



Red (78%)

Yellow (76%)

Blue (59%)

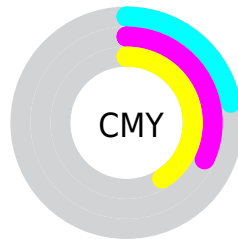


Cyan (0%)

Magenta (13%)

Yellow (25%)

Black (22%)



Cyan (22%)


Magenta (32%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.2680, 44.3685, 35.0850 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 44.2680, 44.3685, 35.0850 by changing the saturation by 10% instead.


 44.2680, 44.3685,
35.0850

 44.2680, 44.3685,
35.0850


354.6346,
364.2099, 339.8590

 31.0801, 30.9603,
23.4443

 80.8647, 81.7720,
68.7705

 20.8120, 20.5686,
14.7135


 105.0042,
106.5360, 91.6523

 13.0983, 12.8091,
8.4742


133.5249,
135.8542, 119.1183

 7.5737, 7.2972,
4.3078

166.7923,
170.1108, 151.5870

 3.8729, 3.6486,
1.7956

205.1715,
209.6903, 189.4768

 1.6305, 1.4790,
0.4251

249.0281,

 0.4122, 0.2739,

254.9770, 233.2064

0.0000

298.7273,
306.3554, 283.1943

■ 0.0000, 0.0000,
0.0000

■ 44.2680, 44.3685,
35.0850

■ 44.2680, 44.3685,
35.0850

■ 40.8056, 39.8047,
26.6520

■ 48.1750, 49.3811,
45.0234

■ 37.7665, 35.6701,
19.6468

■ 52.5399, 54.8492,
56.5339

■ 35.1325, 31.9525,
13.9889

■ 57.3797, 60.7870,
69.6826

■ 32.8826, 28.6368,
9.5889

■ 62.7094, 67.2062,
84.5311

■ 30.9936, 25.7065,
6.3461

■ 68.5433, 74.1181,
101.1374

■ 29.4391, 23.1436,
4.1439

■ 72.3845, 80.5294,
106.3364

■ 28.1876, 20.9278,
2.8410

■ 75.6197, 86.9999,
107.4148

■ 27.6481, 19.9365,
2.3909

■ 77.6295, 91.0194,
108.0847

Harmonies

Analogous

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



46.6677, 44.3685, 39.2106



44.2680, 44.3685, 35.0850



41.4035, 44.3685, 34.2905

Triad

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



44.2680, 44.3685, 35.0850



36.9397, 44.3685, 50.5549



45.6637, 44.3685, 61.8550

Complementary

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



44.2680, 44.3685, 35.0850



38.7248, 42.0973, 60.7283

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.



42.9477, 44.3685, 65.7080



44.2680, 44.3685, 35.0850



37.9728, 44.3685, 58.7178

Square

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



44.2680, 44.3685, 35.0850



37.2573, 44.3685, 42.6384



40.1412, 44.3685, 64.4991



47.4986, 44.3685, 54.4629

Rectangle

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



44.2680, 44.3685, 35.0850



39.6295, 44.3685, 35.6611



40.1412, 44.3685, 64.4991



44.8188, 44.3685, 63.6431

Sweetspot

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



44.2692, 44.3705, 35.0859



89.3102, 92.9075, 93.4615



42.7119, 37.2869, 46.8031



19.0143, 19.7592, 19.7340



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.



44.2692, 44.3705, 35.0859



73.2959, 72.4340, 52.5012



49.4047, 54.6416, 36.7978



11.0292, 11.4276, 11.1872



17.6671, 12.8514, 1.5494



0.9088, 0.7530, 0.0974

Inverse Universe

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



38.7248, 42.0973, 60.7283



62.0668, 67.8277, 104.4285



34.3131, 33.2739, 59.2578



10.5231, 11.2202, 13.5286



10.1279, 9.6498, 36.0732



0.5514, 0.6007, 1.7320

Previews

White Background



This preview shows how the XYZ color 44.2680, 44.3685, 35.0850 looks on a white background.

Color Contrast Check

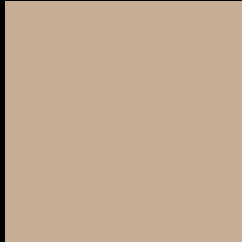
Large Text (above 18pt) WCAG AA × Fail

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 44.2680, 44.3685, 35.0850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

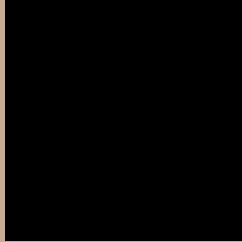
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2680, 44.3685, 35.0850

Background



This preview shows how black text looks on a background with the XYZ color 44.2680, 44.3685, 35.0850.



This preview shows how white text looks on a background with the XYZ color 44.2680, 44.3685,

35.0850.

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

44.2680, 44.3685, 35.0850

Protanopia

41.8832, 44.2761, 36.0444

Deuteranopia

45.2448, 44.3070, 35.0216



Tritanopia

47.3480, 44.2200, 50.2958

Trichromacy



Original Color

44.2680, 44.3685, 35.0850

Protanomaly

42.8495, 44.4915, 35.6075

Deuteranomaly

44.8861, 44.4036, 35.0592

Tritanomaly

46.2590, 44.3482, 44.1522

Monochromacy



Original Color

44.2680, 44.3685, 35.0850

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.8429, 44.3169, 43.3417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2680, 44.3685, 35.0850 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(200, 173, 150) looks like.

```
.text, #text, p{  
    color:rgb(200, 173, 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(200, 173, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 173, 150) }
```

Border

The CSS property to change the border of an element to XYZ 44.2680, 44.3685, 35.0850 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(200, 173, 150) }
```


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

```
.border{ border-color:rgb(200, 173, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 173, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 173, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 173, 150);  
box-shadow:4px 4px 4px 4px rgb(200, 173,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2680, 44.3685, 35.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 173, 150) }
```

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

```
.background{ background-color: rgb(200,  
173, 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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