

Converting Colors

XYZ(41.3700, 39.8988, 28.4200)

Have a look what the booklet for
XYZ(41.3700, 39.8988, 28.4200)
contains.

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Color

**XYZ(41.3809, 40.0074,
28.4629)**

Conversions

Conversions Part 1

Format	Color
Hex	C9A287
RGB	201, 162, 135
RGB Percent	79%, 64%, 53%
CMY	0.2118, 0.3647, 0.4706
CMYK	0.00, 0.19, 0.33, 0.21
HSL	25°, 38%, 66%
HSV	25°, 33%, 79%
XYZ	41.3809, 40.0074, 28.4629
YIQ	170.5830, 31.9110, -0.1290

Conversions

Conversions Part 2

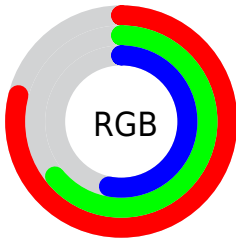
Format	Color
R_{YB}	201, 181, 135
Decimal	13214343
CIE _{Lab}	69.47, 10.53, 19.49
CIE _{LCh}	69, 22.154, 61.615
Yxy	40.0074, 0.3767, 0.3642
Android (android.graphics.Color)	4291404423 (0xFFC9A287)
YUV	170.5830, -17.5424, 26.6757
Hunter-Lab	63.2514, 6.0899, 17.5957

Details

The XYZ color **41.3809, 40.0074, 28.4629** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.6700, 39.6389, 61.0295**, and the grayscale version is **38.5743, 40.5832, 44.1951**.

A 20% lighter version of the original color is **75.1300, 74.5165, 58.0003**, and **19.0697, 17.9187, 11.0479** is the 20% darker color. If you saturate the color by 10%, you get **38.1032, 35.5069, 21.0352**, and if you desaturate by 10%, it is **45.1255, 45.0137, 37.3652**.

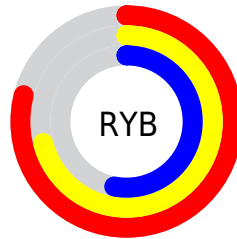
Distribution



Red (79%)

Green (64%)

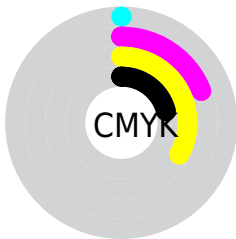
Blue (53%)



Red (79%)

Yellow (71%)

Blue (53%)

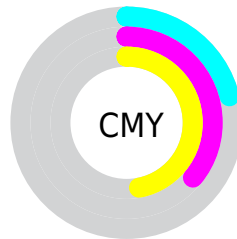


Cyan (0%)

Magenta (19%)

Yellow (33%)

Black (21%)



Cyan (21%)


Magenta (36%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3809, 40.0074, 28.4629 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 41.3809, 40.0074, 28.4629 by changing the saturation by 10% instead.

 41.3809, 40.0074,
28.4629


 41.3809, 40.0074,
28.4629


342.9455,
346.1548, 308.6535


 28.8058, 27.5443,
18.4328


 76.5328, 75.1748,
58.2546

 19.0775, 17.9824,
11.0885


 99.8404, 98.6479,
78.8533

 11.8306, 10.9374,
6.0115


 127.4562,
126.5597, 103.8120

 6.6998, 6.0247,
2.7832

159.7455,
159.2948, 133.5491

 3.3198, 2.8601,
0.9850

197.0737,
197.2374, 168.4833

 1.3250, 1.0592,
0.0000

239.8063,

 0.2018, 0.0000,

240.7720, 209.0331

0.0000

288.3084,
290.2830, 255.6170

■ 0.0000, 0.0000,
0.0000

■ 41.3809, 40.0074,
28.4629

■ 41.3809, 40.0074,
28.4629

■ 38.1032, 35.5069,
21.0352

■ 45.1255, 45.0137,
37.3652

■ 35.2688, 31.4898,
14.9985

■ 49.3529, 50.5362,
47.8146

■ 32.8564, 27.9397,
10.2643

■ 54.0822, 56.5920,
59.8816

■ 30.8415, 24.8375,
6.7331

■ 59.3305, 63.1957,
73.6318

■ 29.1965, 22.1619,
4.2904

■ 65.1137, 70.3613,
89.1270

■ 27.8891, 19.8896,
2.7990

■ 71.3504, 78.0634,
105.9149

■ 27.1228, 18.4883,
2.1391

■ 74.8314, 85.0255,
107.0753

■ 77.8974, 91.1575,
108.0973

Harmonies

Analogous

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



44.1716, 40.0074, 34.0532



41.3809, 40.0074, 28.4629



37.8328, 40.0074, 26.7269

Triad

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



41.3809, 40.0074, 28.4629



31.5729, 40.0074, 44.1174



41.7362, 40.0074, 62.5239

Complementary

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



41.3809, 40.0074, 28.4629



35.6700, 39.6389, 61.0295

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.



38.2195, 40.0074, 66.2973



41.3809, 40.0074, 28.4629



32.4783, 40.0074, 54.6924

Square

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



41.3809, 40.0074, 28.4629



32.3046, 40.0074, 34.8736



34.8572, 40.0074, 63.2312



44.3856, 40.0074, 53.5837

Rectangle

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



41.3809, 40.0074, 28.4629



35.5545, 40.0074, 27.7311



34.8572, 40.0074, 63.2312



40.6091, 40.0074, 64.4964

Sweetspot

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



41.3819, 40.0093, 28.4637



86.5933, 89.2261, 87.1537



40.4503, 32.8254, 44.5561



18.2956, 18.7903, 18.0503



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.



41.3819, 40.0093, 28.4637



66.9969, 63.2334, 39.9272



47.8417, 52.9289, 30.6170



10.9843, 11.3377, 11.1722



17.1390, 11.7951, 1.3734



0.8824, 0.7003, 0.0887

Inverse Universe

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



35.6700, 39.6389, 61.0295



55.7984, 62.4932, 103.7292



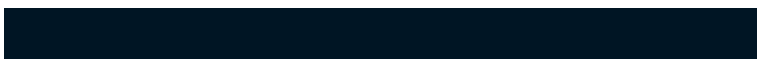
30.1483, 28.5957, 59.1890



10.5688, 11.3116, 13.5438



10.8507, 11.0953, 36.3141



0.5838, 0.6653, 1.7428

Previews

White Background



This preview shows how the XYZ color 41.3809, 40.0074, 28.4629 looks on a white background.

Color Contrast Check

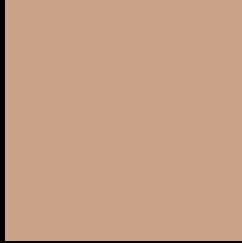
Large Text (above 18pt) WCAG AA × Fail

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 41.3809, 40.0074, 28.4629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

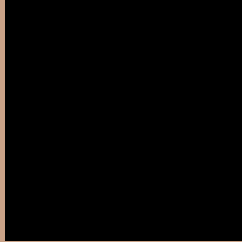
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3809, 40.0074, 28.4629

Background



This preview shows how black text looks on a background with the XYZ color 41.3809, 40.0074, 28.4629.



This preview shows how white text looks on a background with the XYZ color 41.3809, 40.0074,

28.4629.

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

41.3809, 40.0074, 28.4629

Protanopia

37.8573, 40.3168, 30.2127

Deuteranopia

40.7591, 39.9494, 28.4844



Tritanopia

44.3952, 39.9577, 42.9088

Trichromacy



Original Color

41.3809, 40.0074, 28.4629

Protanomaly

39.1452, 40.1638, 29.7340

Deuteranomaly

41.0236, 40.0858, 28.4968

Tritanomaly

43.3858, 40.0680, 37.3455

Monochromacy



Original Color

41.3809, 40.0074, 28.4629

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.4656, 40.4190, 38.0693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3809, 40.0074, 28.4629 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, 162, 135)` looks like.

```
.text, #text, p{  
    color:rgb(201, 162, 135)  
}
```

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, 162, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 162, 135) }
```

Border

The CSS property to change the border of an element to XYZ 41.3809, 40.0074, 28.4629 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, 162, 135) }
```


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

```
.border{ border-color:rgb(201, 162, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 162, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 162, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 162, 135);  
box-shadow:4px 4px 4px 4px rgb(201, 162,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3809, 40.0074, 28.4629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 162, 135) }
```

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

```
.background{ background-color: rgb(201,  
162, 135) }
```

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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