

Converting Colors

XYZ(40.9730, 41.0439, 31.0685)

Have a look what the booklet for
XYZ(40.9730, 41.0439, 31.0685)
contains.

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Color

**XYZ(40.8746, 41.0299,
30.9645)**

Conversions

Conversions Part 1

Format	Color
Hex	C2A78D
RGB	194, 167, 141
RGB Percent	76%, 65%, 55%
CMY	0.2392, 0.3451, 0.4471
CMYK	0.00, 0.14, 0.27, 0.24
HSL	29°, 30%, 66%
HSV	29°, 27%, 76%
XYZ	40.8746, 41.0299, 30.9645
YIQ	172.1090, 24.4380, -2.3620

Conversions

Conversions Part 2

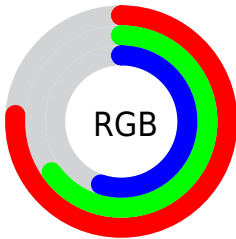
Format	Color
RYB	194, 192, 141
Decimal	12756877
CIELab	70.20, 5.87, 17.09
CIELCh	70, 18.072, 71.055
Yxy	41.0299, 0.3621, 0.3635
Android (android.graphics.Color)	4290946957 (0xFFC2A78D)
YUV	172.1090, -15.3367, 19.1984
Hunter-Lab	64.0546, 1.8091, 16.1769

Details

The XYZ color **40.8746, 41.0299, 30.9645** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.7244, 37.5619, 56.4591**, and the grayscale version is **39.3353, 41.3838, 45.0670**.

A 20% lighter version of the original color is **75.7553, 76.6919, 62.4400**, and **18.8343, 18.5922, 12.4935** is the 20% darker color. If you saturate the color by 10%, you get **37.8143, 37.0204, 23.4357**, and if you desaturate by 10%, it is **44.3283, 45.4210, 39.8728**.

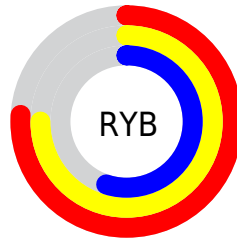
Distribution



Red (76%)

Green (65%)

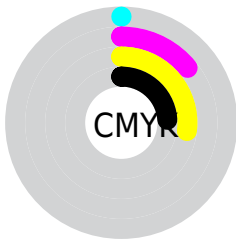
Blue (55%)



Red (76%)

Yellow (75%)

Blue (55%)

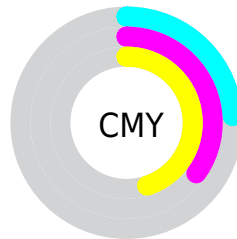


Cyan (0%)

Magenta (14%)

Yellow (27%)

Black (24%)



Cyan (24%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8746, 41.0299, 30.9645 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 40.8746, 41.0299, 30.9645 by changing the saturation by 10% instead.

■ 40.8746, 41.0299,
30.9645

■ 40.8746, 41.0299,
30.9645

340.8678,
350.4456, 320.7209

■ 28.4084, 28.3424,
20.3136

■ 75.7694, 76.7293,
62.2631

■ 18.7757, 18.5840,
12.4369

■ 98.9287, 100.5100,
83.7479

■ 11.6114, 11.3700,
6.9158

■ 126.3830,
128.7573, 109.6810

■ 6.5500, 6.3163,
3.3318

158.4977,
161.8555, 140.4810

■ 3.2261, 3.0384,
1.2665

195.6382,
200.1890, 176.5664

■ 1.2744, 1.1518,
0.0341

238.1698,

■ 0.1639, 0.0218,

244.1423, 218.3559

0.0000

286.4579,
294.0997, 266.2678

■ 0.0000, 0.0000,
0.0000

■ 40.8746, 41.0299,
30.9645

■ 40.8746, 41.0299,
30.9645

■ 37.8143, 37.0204,
23.4357

■ 44.3283, 45.4210,
39.8728

■ 35.1279, 33.3755,
17.2134

■ 48.1874, 50.1989,
50.2236

■ 32.7989, 30.0848,
12.2217

■ 52.4672, 55.3758,
62.0788

■ 30.8081, 27.1355,
8.3755

■ 57.1814, 60.9616,
75.4960

■ 29.1340, 24.5135,
5.5790

■ 62.3427, 66.9659,
90.5299

■ 27.7521, 22.2032,
3.7202

■ 67.5746, 73.2421,
105.1833

■ 26.6289, 20.1852,
2.6420

■ 70.3442, 78.7814,
106.1065

■ 26.3571, 19.6872,
2.4108

■ 73.2713, 84.6356,
107.0822

■ 76.0582, 90.2094,
108.0112

Harmonies

Analogous

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



43.4483, 41.0299, 34.8025



40.8746, 41.0299, 30.9645



37.9166, 41.0299, 30.5121

Triad

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



40.8746, 41.0299, 30.9645



33.6749, 41.0299, 47.8732



42.8560, 41.0299, 58.1260

Complementary

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



40.8746, 41.0299, 30.9645



34.7244, 37.5619, 56.4591

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.



40.0991, 41.0299, 62.6551



40.8746, 41.0299, 30.9645



34.8619, 41.0299, 56.2565

Square

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



40.8746, 41.0299, 30.9645



33.8590, 41.0299, 39.5894



37.1791, 41.0299, 61.9307



44.6316, 41.0299, 50.1776

Rectangle

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



40.8746, 41.0299, 30.9645



36.1351, 41.0299, 32.1165



37.1791, 41.0299, 61.9307



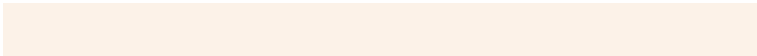
42.0076, 41.0299, 60.1416

Sweetspot

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



40.8757, 41.0318, 30.9654



86.7103, 90.2216, 89.3776



38.8770, 33.3610, 41.6240



18.7453, 19.4587, 18.9123



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.



40.8757, 41.0318, 30.9654



70.5334, 69.7507, 47.3515



46.1519, 51.5842, 32.7241



10.4721, 10.8756, 10.6091



17.4107, 13.1071, 1.6123



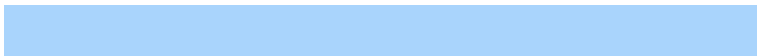
0.8212, 0.7043, 0.0927

Inverse Universe

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



34.7244, 37.5619, 56.4591



57.4721, 62.3823, 101.4817



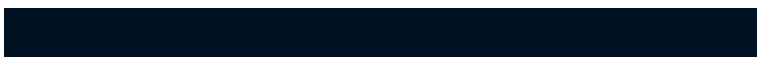
30.3782, 28.8696, 55.0104



9.9429, 10.5771, 12.8024



9.4065, 8.5695, 34.7149



0.4753, 0.5080, 1.5229

Previews

White Background



This preview shows how the XYZ color 40.8746, 41.0299, 30.9645 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 40.8746, 41.0299, 30.9645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

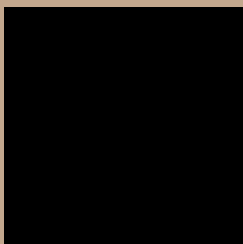
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

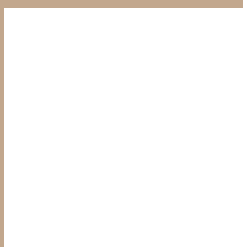
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.8746, 41.0299, 30.9645

Background



This preview shows how black text looks on a background with the XYZ color 40.8746, 41.0299, 30.9645.



This preview shows how white text looks on a background with the XYZ color 40.8746, 41.0299,

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

40.8746, 41.0299, 30.9645

Protanopia

38.5769, 40.9327, 31.8542

Deuteranopia

41.8160, 40.9755, 30.9044



Tritanopia

43.9469, 40.9416, 46.1437

Trichromacy



Original Color

40.8746, 41.0299, 30.9645

Protanomaly

39.5069, 41.1415, 31.4501

Deuteranomaly

41.4699, 41.0658, 30.9401

Tritanomaly

42.9123, 41.0656, 40.3151

Monochromacy



Original Color

40.8746, 41.0299, 30.9645

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.6301, 41.0260, 39.5483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8746, 41.0299, 30.9645 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, 167, 141)` looks like.

```
.text, #text, p{  
    color:rgb(194, 167, 141)  
}
```

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, 167, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 167, 141) }
```

Border

The CSS property to change the border of an element to XYZ 40.8746, 41.0299, 30.9645 is called "border". The border property can be set on classes, ids or directly on the HTML element.

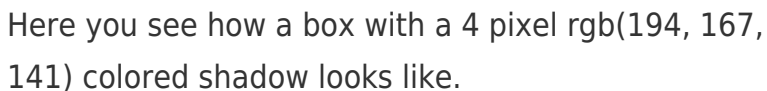
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 167, 141) }
```


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

```
.border{ border-color:rgb(194, 167, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 167, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 167, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 167, 141); box-shadow:4px 4px 4px 4px rgb(194, 167, 141) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8746, 41.0299, 30.9645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 167, 141) }
```

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

```
.background{ background-color: rgb(194,  
167, 141) }
```

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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