

Converting Colors

XYZ(42.0593, 40.7494, 29.4528)

Have a look what the booklet for
XYZ(42.0593, 40.7494, 29.4528)
contains.

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Color

**XYZ(42.1479, 40.9136,
29.3426)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA489
RGB	202, 164, 137
RGB Percent	79%, 64%, 54%
CMY	0.2078, 0.3568, 0.4627
CMYK	0.00, 0.19, 0.32, 0.21
HSL	25°, 38%, 66%
HSV	25°, 32%, 79%
XYZ	42.1479, 40.9136, 29.3426
YIQ	172.2840, 31.3150, -0.3410

Conversions

Conversions Part 2

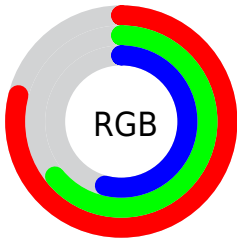
Format	Color
R _Y B	202, 183, 137
Decimal	13280393
CIE Lab	70.12, 10.10, 19.29
CIE LCh	70, 21.774, 62.370
Yxy	40.9136, 0.3750, 0.3640
Android (android.graphics.Color)	4291470473 (0xFFCAA489)
YUV	172.2840, -17.3950, 26.0609
Hunter-Lab	63.9637, 5.6832, 17.5760

Details

The XYZ color **42.1479, 40.9136, 29.3426** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.3067, 40.2412, 61.7309**, and the grayscale version is **39.4317, 41.4852, 45.1774**.

A 20% lighter version of the original color is **75.8658, 75.6407, 59.3168**, and **19.5471, 18.4795, 11.5535** is the 20% darker color. If you saturate the color by 10%, you get **38.8166, 36.3568, 21.7402**, and if you desaturate by 10%, it is **45.9488, 45.9752, 38.4409**.

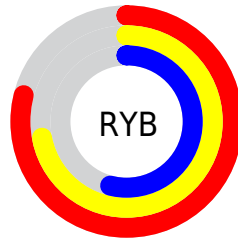
Distribution



Red (79%)

Green (64%)

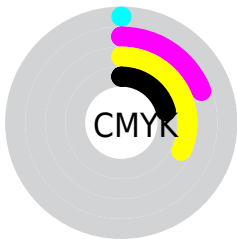
Blue (54%)



Red (79%)

Yellow (72%)

Blue (54%)

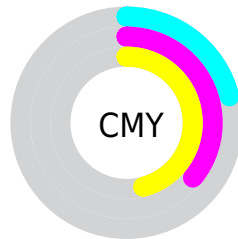


Cyan (0%)

Magenta (19%)

Yellow (32%)

Black (21%)



Cyan (21%)

Magenta (36%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1479, 40.9136, 29.3426 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 42.1479, 40.9136, 29.3426 by changing the saturation by 10% instead.


 42.1479, 40.9136,
29.3426


 42.1479, 40.9136,
29.3426


346.0769,
349.9594, 312.9394


 29.4087, 28.2516,
19.0923


 77.6872, 76.5527,
59.6696

 19.5361, 18.5154,
11.5595


 101.2180,
100.2986, 80.5835

 12.1646, 11.3206,
6.3256


 129.0767,
128.5079, 105.8890

 6.9289, 6.2829,
2.9721

161.6288,
161.5650, 136.0046

 3.4636, 3.0179,
1.0804

199.2395,
199.8543, 171.3489

 1.4034, 1.1411,
0.0000

242.2741,

 0.2586, 0.0128,

243.7602, 212.3404

0.0000

291.0981,
293.6671, 259.3978

■ 0.0000, 0.0000,
0.0000

■ 42.1479, 40.9136,
29.3426

■ 42.1479, 40.9136,
29.3426

■ 38.8166, 36.3568,
21.7402

■ 45.9488, 45.9752,
38.4409

■ 35.9313, 32.2824,
15.5494

■ 50.2354, 51.5516,
49.1078

■ 33.4709, 28.6744,
10.6815

■ 55.0265, 57.6599,
61.4146

■ 31.4108, 25.5139,
7.0364

■ 60.3391, 64.3143,
75.4272

■ 29.7237, 22.7801,
4.4996

■ 66.1895, 71.5289,
91.2079

■ 28.3774, 20.4498,
2.9340

■ 72.0732, 79.1088,
106.0786

■ 27.5213, 18.8850,
2.1946

■ 75.5641, 86.0905,
107.2422

■ 78.1671, 91.2966,
108.1099

Harmonies

Analogous

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



44.9581, 40.9136, 34.8574



42.1479, 40.9136, 29.3426



38.6048, 40.9136, 27.6952

Triad

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



42.1479, 40.9136, 29.3426



32.4426, 40.9136, 45.3633



42.6672, 40.9136, 63.2360

Complementary

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



42.1479, 40.9136, 29.3426



36.3067, 40.2412, 61.7309

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.



39.1708, 40.9136, 67.1391



42.1479, 40.9136, 29.3426



33.3889, 40.9136, 55.8861

Square

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



42.1479, 40.9136, 29.3426



33.1339, 40.9136, 36.0630



35.7991, 40.9136, 64.2652



45.2706, 40.9136, 54.2692

Rectangle

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



42.1479, 40.9136, 29.3426



36.3404, 40.9136, 28.7709



35.7991, 40.9136, 64.2652



41.5502, 40.9136, 65.2406

Sweetspot

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



42.1490, 40.9155, 29.3434



86.6406, 89.3207, 87.1695



41.1395, 33.5829, 45.3884



18.3070, 18.8131, 18.0541



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.



42.1490, 40.9155, 29.3434



67.1387, 63.5170, 39.9745



48.4999, 53.6175, 31.4604



11.5888, 11.9666, 11.7784



17.7931, 12.3192, 1.4400



0.9923, 0.7842, 0.0991

Inverse Universe

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



36.3067, 40.2412, 61.7309



55.6399, 62.1761, 103.6764



30.8753, 29.3785, 59.9204



11.1374, 11.9153, 14.2832



11.1245, 11.2729, 37.5458



0.6477, 0.7292, 1.9616

Previews

White Background



This preview shows how the XYZ color 42.1479, 40.9136, 29.3426 looks on a white background.

Color Contrast Check

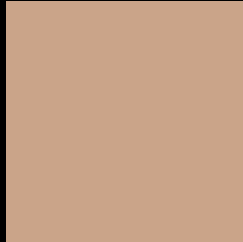
Large Text (above 18pt) WCAG AA × Fail

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 42.1479, 40.9136, 29.3426 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 42.1479, 40.9136, 29.3426

Background



This preview shows how black text looks on a background with the XYZ color 42.1479, 40.9136, 29.3426.



This preview shows how white text looks on a background with the XYZ color 42.1479, 40.9136,

29.3426.

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

42.1479, 40.9136, 29.3426

Protanopia

38.5879, 40.9644, 30.6841

Deuteranopia

41.7899, 40.9958, 29.3773



Tritanopia

45.2024, 40.8584, 44.0321

Trichromacy



Original Color

42.1479, 40.9136, 29.3426

Protanomaly

39.6491, 40.6882, 30.1900

Deuteranomaly

42.0579, 41.1339, 29.3899

Tritanomaly

44.1797, 40.9721, 38.3808

Monochromacy



Original Color

42.1479, 40.9136, 29.3426

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.9744, 40.9464, 38.5975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1479, 40.9136, 29.3426 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, 164, 137)` looks like.

```
.text, #text, p{  
    color:rgb(202, 164, 137)  
}
```

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, 164, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 164, 137) }
```

Border

The CSS property to change the border of an element to XYZ 42.1479, 40.9136, 29.3426 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, 164, 137) }
```


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

```
.border{ border-color:rgb(202, 164, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 164, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 164, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 164, 137);  
box-shadow:4px 4px 4px 4px rgb(202, 164,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1479, 40.9136, 29.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 164, 137) }
```

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

```
.background{ background-color: rgb(202,  
164, 137) }
```

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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