

Converting Colors

XYZ(42.4122, 40.7341, 31.6137)

Have a look what the booklet for
XYZ(42.4122, 40.7341, 31.6137)
contains.

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Color

**XYZ(42.4122, 40.7341,
31.6137)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA38F
RGB	202, 163, 143
RGB Percent	79%, 64%, 56%
CMY	0.2078, 0.3608, 0.4392
CMYK	0.00, 0.19, 0.29, 0.21
HSL	20°, 36%, 68%
HSV	20°, 29%, 79%
XYZ	42.4122, 40.7341, 31.6137
YIQ	172.3810, 29.6640, 2.0480

Conversions

Conversions Part 2

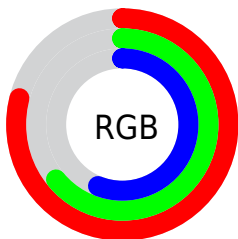
Format	Color
R _Y B	202, 173, 143
Decimal	13280143
CIE Lab	69.99, 11.44, 15.82
CIE LCh	70, 19.523, 54.140
Yxy	40.7341, 0.3696, 0.3550
Android (android.graphics.Color)	4291470223 (0xFFCAA38F)
YUV	172.3810, -14.4848, 25.9759
Hunter-Lab	63.8233, 6.9271, 15.3081

Details

The XYZ color **42.4122, 40.7341, 31.6137** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.7158, 43.5584, 62.2442**, and the grayscale version is **39.4672, 41.5226, 45.2181**.

A 20% lighter version of the original color is **76.3894, 75.4340, 63.3574**, and **19.6928, 18.3622, 12.8623** is the 20% darker color. If you saturate the color by 10%, you get **38.7711, 35.6841, 23.5180**, and if you desaturate by 10%, it is **46.5813, 46.3987, 41.2457**.

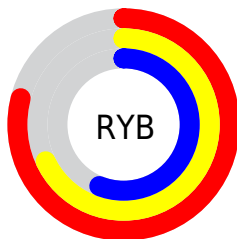
Distribution



Red (79%)

Green (64%)

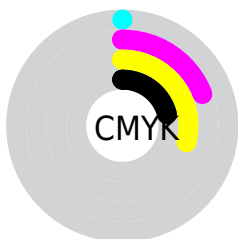
Blue (56%)



Red (79%)

Yellow (68%)

Blue (56%)

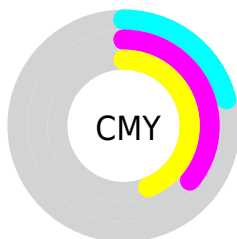


Cyan (0%)

Magenta (19%)

Yellow (29%)

Black (21%)



Cyan (21%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.4122, 40.7341, 31.6137 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 42.4122, 40.7341, 31.6137 by changing the saturation by 10% instead.


 42.4122, 40.7341,
31.6137


 42.4122, 40.7341,
31.6137


347.1515,
349.2081, 323.7941

 29.6167, 28.1114,
20.8042


 78.0843, 76.2801,
63.2959

 19.6945, 18.4096,
12.7911


 101.6917, 99.9721,
85.0056

 12.2801, 11.2445,
7.1558


129.6338,
128.1227, 111.1859

 7.0083, 6.2315,
3.4798

162.2758,
161.1163, 142.2553

 3.5137, 2.9864,
1.3446

199.9833,
199.3372, 178.6322

 1.4309, 1.1246,
0.0979

243.1215,

 0.2781, 0.0000,

243.1699, 220.7353

0.0000

292.0557,
292.9987, 268.9831

■ 0.0000, 0.0000,
0.0000

■ 42.4122, 40.7341,
31.6137

■ 42.4122, 40.7341,
31.6137

■ 38.7711, 35.6841,
23.5180

■ 46.5813, 46.3987,
41.2457

■ 35.6322, 31.2216,
16.8756

■ 51.2964, 52.6925,
52.4861

■ 32.9724, 27.3259,
11.5995

■ 56.5782, 59.6366,
65.4054

■ 30.7651, 23.9725,
7.5921

■ 62.4457, 67.2494,
80.0690

■ 28.9808, 21.1351,
4.7426

■ 68.9167, 75.5488,
96.5391

■ 27.5856, 18.7847,
2.9209

■ 74.4912, 83.9446,
106.8846

■ 26.5279, 16.8840,
1.9067

■ 78.1671, 91.2966,
108.1099

■ 26.4540, 16.7502,
1.8388

Harmonies

Analogous

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



44.5722, 40.7341, 37.5656



42.4122, 40.7341, 31.6137



39.3445, 40.7341, 29.1061

Triad

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



42.4122, 40.7341, 31.6137



32.9438, 40.7341, 42.5877



41.2729, 40.7341, 62.3401

Complementary

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



42.4122, 40.7341, 31.6137



38.7158, 43.5584, 62.2442

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.



38.0953, 40.7341, 64.1655



42.4122, 40.7341, 31.6137



33.3976, 40.7341, 51.9112

Square

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



42.4122, 40.7341, 31.6137



33.9668, 40.7341, 34.8598



35.2421, 40.7341, 60.1224



43.8896, 40.7341, 55.4288

Rectangle

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



42.4122, 40.7341, 31.6137



37.2411, 40.7341, 29.4391



35.2421, 40.7341, 60.1224



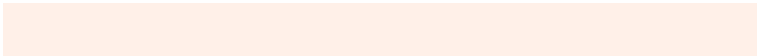
40.2305, 40.7341, 63.6051

Sweetspot

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



42.4133, 40.7360, 31.6145



86.9230, 89.3099, 89.0384



42.6578, 35.5931, 49.0589



18.3401, 18.7647, 18.4187



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.



42.4133, 40.7360, 31.6145



67.8424, 63.4887, 44.6351



48.2015, 52.3124, 33.5439



11.5180, 11.8250, 11.7548



17.0973, 10.9276, 1.2081



0.9521, 0.7039, 0.0857

Inverse Universe

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



38.7158, 43.5584, 62.2442



60.5783, 69.0096, 104.7351



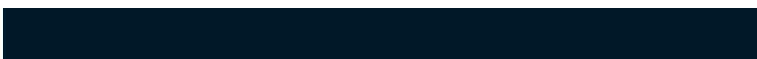
33.3528, 32.8323, 60.4565



11.2105, 12.0614, 14.3076



12.3877, 13.7994, 37.9669



0.7076, 0.8489, 1.9815

Previews

White Background



This preview shows how the XYZ color 42.4122, 40.7341, 31.6137 looks on a white background.

Color Contrast Check

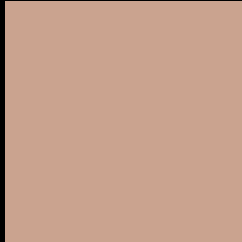
Large Text (above 18pt) WCAG AA × Fail

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 42.4122, 40.7341, 31.6137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

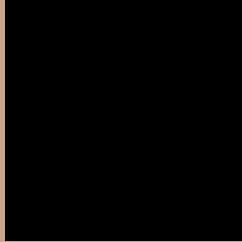
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4122, 40.7341, 31.6137

Background



This preview shows how black text looks on a background with the XYZ color 42.4122, 40.7341, 31.6137.



This preview shows how white text looks on a background with the XYZ color 42.4122, 40.7341,

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

42.4122, 40.7341, 31.6137

Protanopia

38.6518, 40.9357, 33.4680

Deuteranopia

41.7018, 40.8992, 31.6830



Tritanopia

44.9257, 40.7157, 44.0192

Trichromacy



Original Color

42.4122, 40.7341, 31.6137

Protanomaly

39.9300, 40.7720, 32.9594

Deuteranomaly

41.7866, 40.6762, 31.6355

Tritanomaly

43.9057, 40.5522, 39.2315

Monochromacy



Original Color

42.4122, 40.7341, 31.6137

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.1494, 41.0164, 39.5191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4122, 40.7341, 31.6137 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, 163, 143)` looks like.

```
.text, #text, p{  
    color:rgb(202, 163, 143)  
}
```

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, 163, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 163, 143) }
```

Border

The CSS property to change the border of an element to XYZ 42.4122, 40.7341, 31.6137 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, 163, 143) }
```


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

```
.border{ border-color:rgb(202, 163, 143) }
```

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

Here you see how a box with a 4 pixel rgb(202, 163, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 163, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 163, 143);  
box-shadow:4px 4px 4px 4px rgb(202, 163,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4122, 40.7341, 31.6137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 163, 143) }
```

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

```
.background{ background-color: rgb(202,  
163, 143) }
```

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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