

Converting Colors

XYZ(42.9147, 40.2379, 30.1064)

Have a look what the booklet for
XYZ(42.9147, 40.2379, 30.1064)
contains.

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Color

**XYZ(42.9631, 40.2711,
29.9348)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA08B
RGB	207, 160, 139
RGB Percent	81%, 63%, 55%
CMY	0.1882, 0.3725, 0.4549
CMYK	0.00, 0.23, 0.33, 0.19
HSL	19°, 41%, 68%
HSV	19°, 33%, 81%
XYZ	42.9631, 40.2711, 29.9348
YIQ	171.6590, 34.7530, 3.4330

Conversions

Conversions Part 2

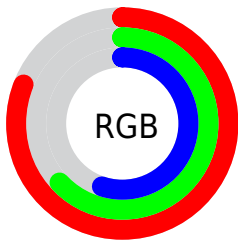
Format	Color
R _Y B	207, 169, 139
Decimal	13607051
CIE Lab	69.66, 14.49, 17.65
CIE LCh	70, 22.835, 50.602
Yxy	40.2711, 0.3796, 0.3558
Android (android.graphics.Color)	4291797131 (0xFFCFA08B)
YUV	171.6590, -16.1009, 30.9941
Hunter-Lab	63.4595, 9.7932, 16.4537

Details

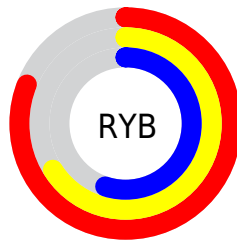
The XYZ color **42.9631, 40.2711, 29.9348** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.4682, 45.1101, 65.6584**, and the grayscale version is **39.1077, 41.1443, 44.8062**.

A 20% lighter version of the original color is **75.1661, 73.7111, 60.7181**, and **19.9282, 18.0257, 11.8802** is the 20% darker color. If you saturate the color by 10%, you get **39.2527, 35.0458, 21.9293**, and if you desaturate by 10%, it is **47.2474, 46.1856, 39.5454**.

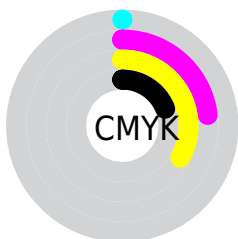
Distribution



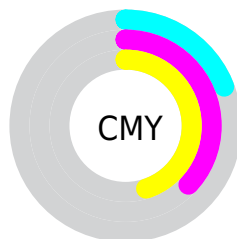
- Red (81%)
- Green (63%)
- Blue (55%)



- Red (81%)
- Yellow (66%)
- Blue (55%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)
- Black (19%)





- Cyan (19%)
- Magenta (37%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9631, 40.2711, 29.9348 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 42.9631, 40.2711, 29.9348 by changing the saturation by 10% instead.


 42.9631, 40.2711,
29.9348


 42.9631, 40.2711,
29.9348


349.3841,
347.2649, 315.7983


 30.0506, 27.7500,
19.5375

 78.9112, 75.5762,
60.6188

 20.0252, 18.1373,
11.8786


 102.6775, 99.1289,
81.7426

 12.5218, 11.0486,
6.5395


 130.7925,
127.1276, 107.2790

 7.1748, 6.0995,
3.1018

163.6214,
159.9567, 137.6465

 3.6189, 2.9057,
1.1468

201.5297,
198.0006, 173.2636

 1.4889, 1.0827,
0.0000

244.8826,

 0.3183, 0.0000,

241.6437, 214.5489

0.0000

294.0457,
291.2703, 261.9209

■ 0.0000, 0.0000,
0.0000

■ 42.9631, 40.2711,
29.9348

■ 42.9631, 40.2711,
29.9348

■ 39.2527, 35.0458,
21.9293

■ 47.2474, 46.1856,
39.5454

■ 36.0872, 30.4782,
15.4377

■ 52.1267, 52.8078,
50.8402

■ 33.4397, 26.5428,
10.3637

■ 57.6245, 60.1629,
63.8963

■ 31.2794, 23.2100,
6.5986

■ 63.7623, 68.2727,
78.7850

■ 29.5719, 20.4475,
4.0176

■ 70.5605, 77.1583,
95.5738

■ 28.2770, 18.2195,
2.4709

■ 76.6896, 86.3004,
107.2234

■ 27.5621, 16.9254,
1.8142

■ 79.5421, 92.0054,
108.1742

Harmonies

Analogous

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



45.3161, 40.2711, 37.0741



42.9631, 40.2711, 29.9348



39.4478, 40.2711, 26.6881

Triad

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



42.9631, 40.2711, 29.9348



31.6890, 40.2711, 40.6104



40.8301, 40.2711, 65.7741

Complementary

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



42.9631, 40.2711, 29.9348



39.4682, 45.1101, 65.6584

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.



37.1285, 40.2711, 67.1300



42.9631, 40.2711, 29.9348



32.0065, 40.2711, 51.4013

Square

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



42.9631, 40.2711, 29.9348



33.0468, 40.2711, 32.1649



33.9437, 40.2711, 61.5175



44.0307, 40.2711, 58.0654

Rectangle

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



42.9631, 40.2711, 29.9348



36.9847, 40.2711, 26.7414



33.9437, 40.2711, 61.5175



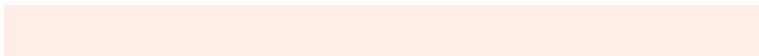
39.5980, 40.2711, 67.0315

Sweetspot

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



42.9641, 40.2730, 29.9356



85.8462, 87.7319, 86.9047



43.8918, 35.3018, 51.2903



18.1155, 18.4302, 17.9903



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.



42.9641, 40.2730, 29.9356



64.8184, 58.8764, 39.2011



49.5510, 53.4466, 32.1312



12.1024, 12.3954, 12.3667



17.4398, 10.8125, 1.1679



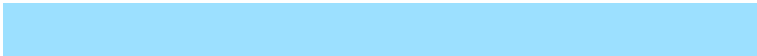
1.0454, 0.7451, 0.0887

Inverse Universe

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



39.4682, 45.1101, 65.6584



58.4046, 67.7055, 104.5980



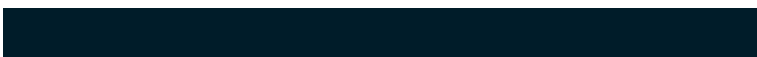
33.2362, 32.6462, 63.5810



11.8374, 12.7651, 15.0837



13.3775, 15.4016, 39.4602



0.8167, 0.9986, 2.2293

Previews

White Background



This preview shows how the XYZ color 42.9631, 40.2711, 29.9348 looks on a white background.

Color Contrast Check

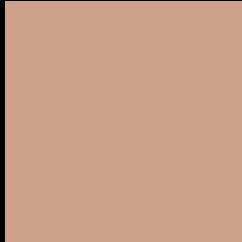
Large Text (above 18pt) WCAG AA × Fail

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 42.9631, 40.2711, 29.9348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

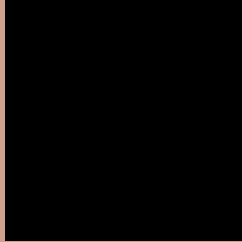
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.9631, 40.2711, 29.9348

Background



This preview shows how black text looks on a background with the XYZ color 42.9631, 40.2711, 29.9348.



This preview shows how white text looks on a background with the XYZ color 42.9631, 40.2711,

29.9348.

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

42.9631, 40.2711, 29.9348

Protanopia

38.2312, 40.4664, 32.1813

Deuteranopia

41.1516, 40.3917, 29.6722



Tritanopia

45.5347, 40.3057, 42.4256

Trichromacy



Original Color

42.9631, 40.2711, 29.9348

Protanomaly

39.7539, 40.1726, 31.2500

Deuteranomaly

41.7720, 40.4469, 29.6502

Tritanomaly

44.4373, 40.1036, 37.2970

Monochromacy



Original Color

42.9631, 40.2711, 29.9348

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.3554, 40.8576, 39.0171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9631, 40.2711, 29.9348 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(207, 160, 139)` looks like.

```
.text, #text, p{  
    color:rgb(207, 160, 139)  
}
```

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(207, 160, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 160, 139) }
```

Border

The CSS property to change the border of an element to XYZ 42.9631, 40.2711, 29.9348 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(207, 160, 139) }
```


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

```
.border{ border-color:rgb(207, 160, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 160, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 160, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 160, 139);  
box-shadow:4px 4px 4px 4px rgb(207, 160,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9631, 40.2711, 29.9348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 160, 139) }
```

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

```
.background{ background-color: rgb(207,  
160, 139) }
```

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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