

Converting Colors

XYZ(41.1753, 40.4469, 31.7580)

Have a look what the booklet for
XYZ(41.1753, 40.4469, 31.7580)
contains.

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Color

**XYZ(40.9983, 40.2699,
31.5986)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A48F
RGB	196, 164, 143
RGB Percent	77%, 64%, 56%
CMY	0.2314, 0.3568, 0.4392
CMYK	0.00, 0.16, 0.27, 0.23
HSL	24°, 31%, 66%
HSV	24°, 27%, 77%
XYZ	40.9983, 40.2699, 31.5986
YIQ	171.1740, 25.8130, 0.2530

Conversions

Conversions Part 2

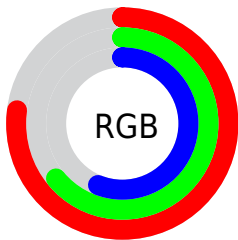
Format	Color
R_{YB}	196, 178, 143
Decimal	12887183
CIE _{Lab}	69.66, 8.56, 15.28
CIE _{LCh}	70, 17.511, 60.751
Yxy	40.2699, 0.3632, 0.3568
Android (android.graphics.Color)	4291077263 (0xFFC4A48F)
YUV	171.1740, -13.8898, 21.7724
Hunter-Lab	63.4586, 4.2699, 14.8981

Details

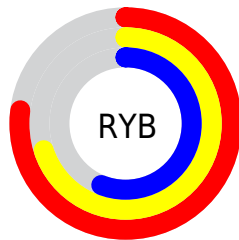
The XYZ color **40.9983, 40.2699, 31.5986** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.6209, 40.4837, 58.1086**, and the grayscale version is **38.8556, 40.8791, 44.5173**.

A 20% lighter version of the original color is **75.9176, 75.5769, 63.4098**, and **18.7545, 18.0414, 12.8498** is the 20% darker color. If you saturate the color by 10%, you get **37.6216, 35.6885, 23.7766**, and if you desaturate by 10%, it is **44.8336, 45.3528, 40.8543**.

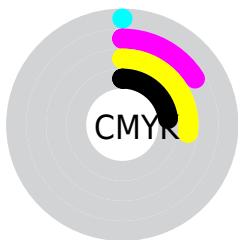
Distribution



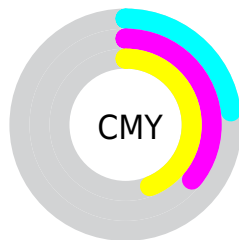
- Red (77%)
- Green (64%)
- Blue (56%)



- Red (77%)
- Yellow (70%)
- Blue (56%)



- Cyan (0%)
- Magenta (16%)
- Yellow (27%)
- Black (23%)





- Cyan (23%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.9983, 40.2699, 31.5986 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 40.9983, 40.2699, 31.5986 by changing the saturation by 10% instead.


 40.9983, 40.2699,
31.5986


 40.9983, 40.2699,
31.5986


341.3762,
347.2598, 323.7229

 28.5054, 27.7490,
20.7928


 75.9560, 75.5743,
63.2719

 18.8494, 18.1366,
12.7829


 99.1516, 99.1267,
84.9764

 11.6649, 11.0481,
7.1502


126.6454,
127.1250, 111.1510

 6.5865, 6.0992,
3.4764

158.8029,
159.9537, 142.2141

 3.2489, 2.9055,
1.3427

195.9894,
197.9971, 178.5843

 1.2867, 1.0826,
0.0964

238.5702,

 0.1732, 0.0000,

241.6397, 220.6801

0.0000

286.9107,
291.2658, 268.9201

0.0000, 0.0000,
0.0000

40.9983, 40.2699,
31.5986

40.9983, 40.2699,
31.5986

37.6216, 35.6885,
23.7766

44.8336, 45.3528,
40.8543

34.6815, 31.5871,
17.3128

49.1420, 50.9470,
51.6088

32.1587, 27.9503,
12.1289

53.9413, 57.0689,
63.9262

30.0312, 24.7600,
8.1370

59.2471, 63.7325,
77.8662

28.2743, 21.9965,
5.2383

65.0746, 70.9513,
93.4852

■ 26.8601, 19.6384,
3.3175

■ 70.5230, 78.3719,
106.0181

■ 25.7525, 17.6600,
2.2180

■ 74.0242, 85.3743,
107.1851

■ 25.4664, 17.1387,
1.9659

■ 76.5749, 90.4758,
108.0354

Harmonies

Analogous

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



43.1487, 40.2699, 36.3464



40.9983, 40.2699, 31.5986



38.2040, 40.2699, 30.0281

Triad

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



40.9983, 40.2699, 31.5986



33.0842, 40.2699, 44.0517



41.1278, 40.2699, 58.6625

Complementary

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



40.9983, 40.2699, 31.5986



36.6209, 40.4837, 58.1086

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.



38.3467, 40.2699, 61.3637



40.9983, 40.2699, 31.5986



33.7834, 40.2699, 52.3146

Square

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



40.9983, 40.2699, 31.5986



33.7178, 40.2699, 36.6596



35.6757, 40.2699, 58.9109



43.2260, 40.2699, 51.9175

Rectangle

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



40.9983, 40.2699, 31.5986



36.3781, 40.2699, 30.8199



35.6757, 40.2699, 58.9109



40.2374, 40.2699, 60.1082

Sweetspot

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



40.9994, 40.2717, 31.5994



88.1340, 91.1477, 91.2427



40.3928, 34.5032, 45.4413



18.6000, 19.1682, 18.8638



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.



40.9994, 40.2717, 31.5994



70.8301, 68.3096, 49.1903



46.0968, 50.4666, 33.2986



10.3934, 10.7182, 10.5829



16.4422, 11.1701, 1.2895



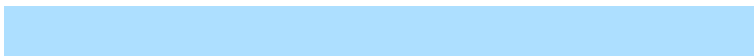
0.7777, 0.6172, 0.0781

Inverse Universe

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



36.6209, 40.4837, 58.1086



61.6694, 68.7443, 104.6264



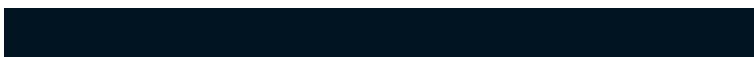
32.0684, 31.3786, 56.5910



10.0227, 10.7368, 12.8290



10.6753, 11.1071, 35.1378



0.5270, 0.6114, 1.5401

Previews

White Background



This preview shows how the XYZ color 40.9983, 40.2699, 31.5986 looks on a white background.

Color Contrast Check

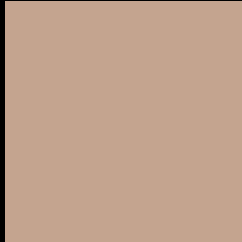
Large Text (above 18pt) WCAG AA × Fail

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 40.9983, 40.2699, 31.5986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

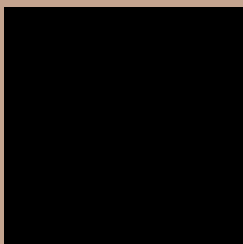
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

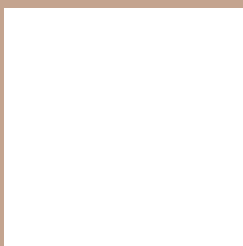
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.9983, 40.2699, 31.5986

Background



This preview shows how black text looks on a background with the XYZ color 40.9983, 40.2699, 31.5986.



This preview shows how white text looks on a background with the XYZ color 40.9983, 40.2699,

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

40.9983, 40.2699, 31.5986

Protanopia

38.1534, 40.4085, 32.9828

Deuteranopia

40.9983, 40.2699, 31.5986



Tritanopia

43.5704, 40.2623, 44.5047

Trichromacy



Original Color

40.9983, 40.2699, 31.5986

Protanomaly

39.1211, 40.3639, 32.5172

Deuteranomaly

40.9983, 40.2699, 31.5986

Tritanomaly

42.4666, 40.0687, 39.2140

Monochromacy



Original Color

40.9983, 40.2699, 31.5986

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.2580, 40.2818, 39.4243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9983, 40.2699, 31.5986 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(196, 164, 143)` looks like.

```
.text, #text, p{  
    color:rgb(196, 164, 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(196, 164, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 164, 143) }
```

Border

The CSS property to change the border of an element to XYZ 40.9983, 40.2699, 31.5986 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(196, 164, 143) }
```


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

```
.border{ border-color:rgb(196, 164, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 164, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 164, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 164, 143);  
box-shadow:4px 4px 4px 4px rgb(196, 164,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9983, 40.2699, 31.5986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 164, 143) }
```

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

```
.background{ background-color: rgb(196,  
164, 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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