

Converting Colors

XYZ(41.7576, 40.8057, 31.8314)

Have a look what the booklet for
XYZ(41.7576, 40.8057, 31.8314)
contains.

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Color

**XYZ(41.7018, 40.8992,
31.6830)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A58F
RGB	198, 165, 143
RGB Percent	78%, 65%, 56%
CMY	0.2235, 0.3529, 0.4392
CMYK	0.00, 0.17, 0.28, 0.22
HSL	24°, 33%, 67%
HSV	24°, 28%, 78%
XYZ	41.7018, 40.8992, 31.6830
YIQ	172.3590, 26.7300, 0.1540

Conversions

Conversions Part 2

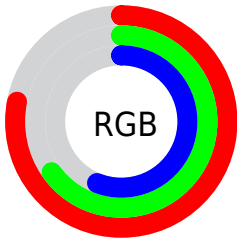
Format	Color
R_{YB}	198, 180, 143
Decimal	13018511
CIE _{Lab}	70.11, 8.79, 15.93
CIE _{LCh}	70, 18.191, 61.101
Yxy	40.8992, 0.3649, 0.3579
Android (android.graphics.Color)	4291208591 (0xFFC6A58F)
YUV	172.3590, -14.4740, 22.4872
Hunter-Lab	63.9525, 4.4785, 15.3936

Details

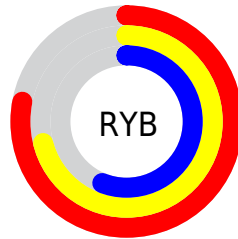
The XYZ color **41.7018, 40.8992, 31.6830** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.0457, 40.9664, 59.3812**, and the grayscale version is **39.4571, 41.5119, 45.2065**.

A 20% lighter version of the original color is **76.9112, 76.4776, 63.5313**, and **19.2086, 18.4402, 12.9028** is the 20% darker color. If you saturate the color by 10%, you get **38.2885, 36.2648, 23.7868**, and if you desaturate by 10%, it is **45.5810, 46.0413, 41.0416**.

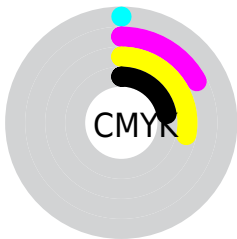
Distribution



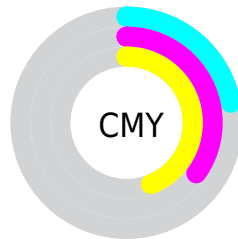
- Red (78%)
- Green (65%)
- Blue (56%)



- Red (78%)
- Yellow (71%)
- Blue (56%)



- Cyan (0%)
- Magenta (17%)
- Yellow (28%)
- Black (22%)





- Cyan (22%)
- Magenta (35%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.7018, 40.8992, 31.6830 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 41.7018, 40.8992, 31.6830 by changing the saturation by 10% instead.


 41.7018, 40.8992,
31.6830


 41.7018, 40.8992,
31.6830


344.2580,
349.8991, 324.1208

 29.0580, 28.2403,
20.8567


 77.0161, 76.5309,
63.4059

 19.2692, 18.5069,
12.8291


 100.4173,
100.2724, 85.1396

 11.9701, 11.3145,
7.1816


128.1349,
128.4770, 111.3462

 6.7954, 6.2788,
3.4958

160.5344,
161.5290, 142.4441

 3.3796, 3.0153,
1.3530

197.9811,
199.8129, 178.8520

 1.3576, 1.1397,
0.1047

240.8404,

 0.2257, 0.0117,

243.7129, 220.9884

0.0000

289.4776,
293.6135, 269.2718

0.0000, 0.0000,
0.0000

41.7018, 40.8992,
31.6830

41.7018, 40.8992,
31.6830

38.2885, 36.2648,
23.7868

45.5810, 46.0413,
41.0416

35.3186, 32.1161,
17.2753

49.9411, 51.7011,
51.9297

32.7724, 28.4376,
12.0675

54.8001, 57.8951,
64.4133

30.6272, 25.2109,
8.0728

60.1742, 64.6376,
78.5537

28.8576, 22.4159,
5.1887

66.0788, 71.9422,
94.4091

■ 27.4348, 20.0307,
3.2955

■ 71.4140, 79.3761,
106.1650

■ 26.3193, 18.0282,
2.2190

■ 74.9540, 86.4561,
107.3449

■ 26.1003, 17.6288,
2.0271

■ 77.0988, 90.7458,
108.0599

Harmonies

Analogous

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



43.9762, 40.8992, 36.6002



41.7018, 40.8992, 31.6830



38.7637, 40.8992, 30.0883

Triad

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



41.7018, 40.8992, 31.6830



33.4340, 40.8992, 44.8475



41.9014, 40.8992, 60.0717

Complementary

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



41.7018, 40.8992, 31.6830



37.0457, 40.9664, 59.3812

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.



38.9834, 40.8992, 62.9867



41.7018, 40.8992, 31.6830



34.1816, 40.8992, 53.5348

Square

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



41.7018, 40.8992, 31.6830



34.0809, 40.8992, 37.0802



36.1760, 40.8992, 60.4565



44.0955, 40.8992, 52.9213

Rectangle

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



41.7018, 40.8992, 31.6830



36.8517, 40.8992, 30.9390



36.1760, 40.8992, 60.4565



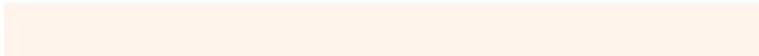
40.9678, 40.8992, 61.6174

Sweetspot

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



41.7029, 40.9011, 31.6838



88.1569, 91.1936, 91.2504



40.9480, 34.7858, 45.6308



18.6058, 19.1797, 18.8658



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.



41.7029, 40.9011, 31.6838



70.2921, 67.6260, 47.8015



47.2066, 51.9085, 33.5184



10.9763, 11.3217, 11.1696



17.0523, 11.6218, 1.3445



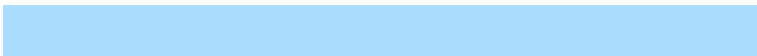
0.8780, 0.6914, 0.0872

Inverse Universe

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



37.0457, 40.9664, 59.3812



60.7567, 67.7505, 104.4827



32.1897, 31.2544, 57.7625



10.5770, 11.3280, 13.5465



10.9879, 11.3697, 36.3598



0.5898, 0.6773, 1.7448

Previews

White Background



This preview shows how the XYZ color 41.7018, 40.8992, 31.6830 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 41.7018, 40.8992, 31.6830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

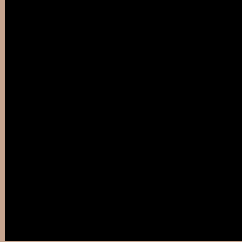
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7018, 40.8992, 31.6830

Background



This preview shows how black text looks on a background with the XYZ color 41.7018, 40.8992, 31.6830.



This preview shows how white text looks on a background with the XYZ color 41.7018, 40.8992,

31.6830.

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

41.7018, 40.8992, 31.6830

Protanopia

38.5736, 40.9044, 33.0564

Deuteranopia

41.7018, 40.8992, 31.6830



Tritanopia

44.3751, 40.9244, 45.0955

Trichromacy



Original Color

41.7018, 40.8992, 31.6830

Protanomaly

39.7923, 40.9851, 32.6017

Deuteranomaly

41.7018, 40.8992, 31.6830

Tritanomaly

43.2613, 40.7287, 39.7637

Monochromacy



Original Color

41.7018, 40.8992, 31.6830

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.6770, 40.7729, 39.4970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7018, 40.8992, 31.6830 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(198, 165, 143)` looks like.

```
.text, #text, p{  
    color:rgb(198, 165, 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(198, 165, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 165, 143) }
```

Border

The CSS property to change the border of an element to XYZ 41.7018, 40.8992, 31.6830 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(198, 165, 143) }
```


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

```
.border{ border-color:rgb(198, 165, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 165, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 165, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 165, 143);  
box-shadow:4px 4px 4px 4px rgb(198, 165,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7018, 40.8992, 31.6830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 165, 143) }
```

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

```
.background{ background-color: rgb(198,  
165, 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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