

Converting Colors

YUV(199.4640, -7.1308, 0.4701)

Have a look what the booklet for
YUV(199.4640, -7.1308, 0.4701)
contains.

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Color

**YUV(199.4640, -7.1308,
0.4701)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CAB9
RGB	200, 202, 185
RGB Percent	78%, 79%, 73%
CMY	0.2157, 0.2078, 0.2745
CMYK	0.01, 0.00, 0.08, 0.21
HSL	67°, 14%, 76%
HSV	67°, 8%, 79%
XYZ	53.6969, 58.0232, 54.2684
YIQ	199.4640, 4.2650, -5.7110

Conversions

Conversions Part 2

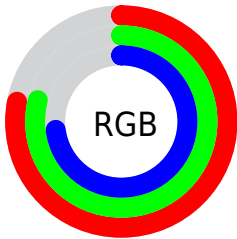
Format	Color
RYB	185, 202, 187
Decimal	13159097
CIELab	80.75, -3.69, 8.24
CIElCh	81, 9.031, 114.140
Yxy	58.0232, 0.3235, 0.3496
Android (android.graphics.Color)	4291349177 (0xFFC8CAB9)
YUV	199.4640, -7.1308, 0.4701
Hunter-Lab	76.1730, -7.4720, 11.0807

Details

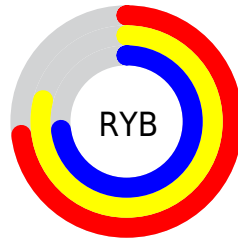
The YUV color $199.4640, -7.1308, 0.4701$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $187.5360, 7.1308, -0.4701$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.4040, -6.1152, 1.3997$, and $145.5780, -6.6940, 0.3701$ is the 20% darker color. If you saturate the color by 10%, you get $196.5860, -15.5719, 1.2401$, and if you desaturate by 10%, it is $202.3420, 1.3104, -0.2999$.

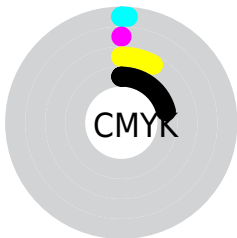
Distribution



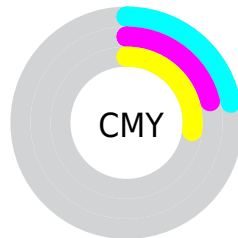
- Red (78%)
- Green (79%)
- Blue (73%)



- Red (73%)
- Yellow (79%)
- Blue (73%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (21%)




- Cyan (22%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 199.4640, -7.1308, 0.4701 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 YUV color 199.4640, -7.1308, 0.4701 by changing the saturation by 10% instead.

 199.4640, -7.1308,
0.4701

 199.4640, -7.1308,
0.4701


255.0000, 0.0000,
0.0000


 172.4640, -7.1308,
0.4701


 253.4040, -6.1152,
1.3997

 145.5780, -6.6940,
0.3701

 119.6920, -6.2572,
0.2701

 95.1050, -5.9678,
0.7849

 71.6920, -6.2572,
0.2701

 48.9200, -5.3836,
0.0702

 27.9200, -5.3836,

0.0702

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,
0.0000

■ 199.4640, -7.1308,
0.4701

■ 199.4640, -7.1308,
0.4701

■ 196.5860,
-15.5719, 1.2401

■ 202.3420, 1.3104,
-0.2999

■ 193.4090,
-23.8656, 1.3953

■ 205.5190, 9.6041,
-0.4552

■ 190.4170,
-32.7436, 2.2653

■ 208.5110, 18.4821,
-1.3251

■ 187.2400,
-41.0373, 2.4205

■ 210.4340, 21.9710,
-0.3806

■ 184.3620,
-49.4785, 3.1905

■ 211.0320, 21.6762,
0.8489

■ 181.4840,
-57.9196, 3.9605

■ 211.6300, 21.3814,
2.0785

■ 178.3070,
-66.2134, 4.1158

■ 212.5270, 20.9392,
3.9228

■ 175.3150,
-75.0913, 4.9857

■ 213.1250, 20.6444,
5.1524

■ 172.4370,
-83.5324, 5.7558

■ 213.7230, 20.3496,
6.3819

Harmonies

Analogous

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



200.2800, -8.0260, 7.6474



199.4640, -7.1308, 0.4701



198.2180, -4.0515, -7.2072

Triad

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



199.4640, -7.1308, 0.4701



198.5620, 7.6109, -14.5249



202.3760, -0.1854, 12.8252

Complementary

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



199.4640, -7.1308, 0.4701



187.5360, 7.1308, -0.4701

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.



201.7820, 4.0515, 7.2072



199.4640, -7.1308, 0.4701



200.1220, 8.3209, -8.8770

Square

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



199.4640, -7.1308, 0.4701



197.7530, 4.5588, -15.5694



201.2370, 7.2782, -1.0848



202.0620, -3.9746, 14.8546

Rectangle

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



199.4640, -7.1308, 0.4701



197.9940, -0.9830, -11.3957



201.2370, 7.2782, -1.0848



202.1200, 1.4198, 11.2958

Sweetspot

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



199.4640, -7.1308, 0.4701



253.7890, -3.3470, 0.1850



191.2570, -3.0847, 9.4216



127.0170, -2.4734, -0.0149



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



199.4640, -7.1308, 0.4701



251.2530, -10.4777, 0.6551



197.0720, -5.9515, -4.4481



100.5610, -4.2206, 0.3850



141.0960, -69.5603, 4.3008



32.4720, -16.0087, 1.3401

Inverse Universe

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



187.5360, 7.1308, -0.4701



233.7470, 10.4777, -0.6551



189.9280, 5.9515, 4.4481



93.4390, 4.2206, -0.3850



24.6050, 69.7077, -4.9156



5.5280, 16.0087, -1.3401

Previews

White Background



This preview shows how the YUV color 199.4640, -7.1308, 0.4701 looks on a white background.

Color Contrast Check

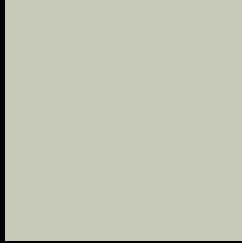
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 199.4640, -7.1308, 0.4701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

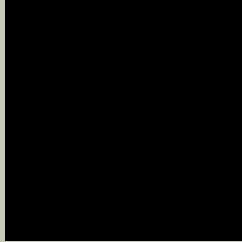
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

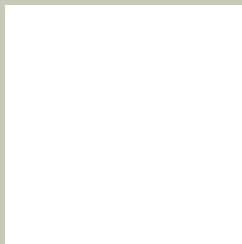
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 199.4640, -7.1308, 0.4701

Background



This preview shows how black text looks on a background with the YUV color 199.4640, -7.1308, 0.4701.



This preview shows how white text looks on a background with the YUV color 199.4640, -7.1308,

0.4701.

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

199.4640, -7.1308, 0.4701

Protanopia

200.5680, -8.1680, 6.5179

Deuteranopia

201.8840, -7.3378, 20.2727



Tritanopia

201.5040, 5.6675, 2.1890

Trichromacy



Original Color

199.4640, -7.1308, 0.4701

Protanomaly

200.2580, -8.0152, 4.1587

Deuteranomaly

200.8400, -7.3161, 13.2953

Tritanomaly

200.6520, 1.1576, 2.0592

Monochromacy



Original Color

199.4640, -7.1308, 0.4701

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.0170, -2.4734, -0.0149

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.4640, -7.1308, 0.4701 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(200, 202, 185)` looks like.

```
.text, #text, p{  
    color:rgb(200, 202, 185)  
}
```

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(200, 202, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 202, 185) }
```

Border

The CSS property to change the border of an element to YUV 199.4640, -7.1308, 0.4701 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(200, 202, 185) }
```


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

```
.border{ border-color:rgb(200, 202, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 202, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 202, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 202, 185);  
box-shadow:4px 4px 4px 4px rgb(200, 202,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 199.4640, -7.1308, 0.4701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 202, 185) }
```

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

```
.background{ background-color: rgb(200,  
202, 185) }
```

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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