

Converting Colors

YUV(199.7980, -13.7044,
8.9472)

Have a look what the booklet for
YUV(199.7980, -13.7044, 8.9472)
contains.

YUV(199.7980, -13.7044, 8.9472)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(199.7980, -13.7044,
8.9472)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C8AC
RGB	210, 200, 172
RGB Percent	82%, 78%, 67%
CMY	0.1765, 0.2157, 0.3255
CMYK	0.00, 0.05, 0.18, 0.18
HSL	44°, 30%, 75%
HSV	44°, 18%, 82%
XYZ	54.6790, 57.9887, 47.3408
YIQ	199.7980, 14.9480, -6.5880

Conversions

Conversions Part 2

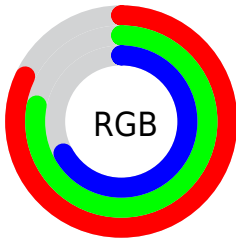
Format	Color
RYB	186, 210, 172
Decimal	13813932
CIELab	80.73, -1.11, 15.27
CIElCh	81, 15.305, 94.145
Yxy	57.9887, 0.3417, 0.3624
Android (android.graphics.Color)	4292004012 (0xFFD2C8AC)
YUV	199.7980, -13.7044, 8.9472
Hunter-Lab	76.1503, -5.0929, 16.4461

Details

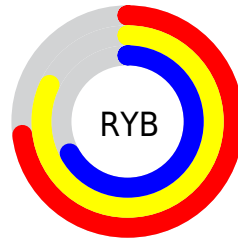
The YUV color $199.7980, -13.7044, 8.9472$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $182.2020, 13.7044, -8.9472$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.8080, -12.2303, 2.7994$, and $145.7270, -12.6834, 8.1324$ is the 20% darker color. If you saturate the color by 10%, you get $193.8820, -21.1408, 14.1355$, and if you desaturate by 10%, it is $205.7140, -6.2680, 3.7588$.

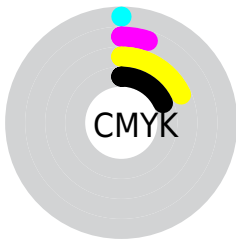
Distribution



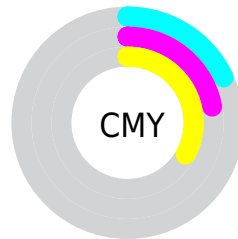
- Red (82%)
- Green (78%)
- Blue (67%)



- Red (73%)
- Yellow (82%)
- Blue (67%)



- Cyan (0%)
- Magenta (5%)
- Yellow (18%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.7980, -13.7044, 8.9472 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 199.7980, -13.7044, 8.9472 by changing the saturation by 10% instead.

■ 199.7980,
-13.7044, 8.9472

■ 199.7980,
-13.7044, 8.9472

255.0000, 0.0000,
0.0000

■ 172.4990,
-13.5570, 8.3324

■ 251.8080,
-12.2303, 2.7994

■ 145.7270,
-12.6834, 8.1324

■ 119.8410,
-12.2466, 8.0324

■ 95.5420, -12.0992,
7.4177

■ 71.4710, -11.0782,
6.6029

■ 49.1720, -10.9308,
5.9882

■ 27.7160, -12.6780,

6.3881

■ 2.0600, -1.0156,
-0.9296

■ 0.0000, 0.0000,
0.0000

■ 199.7980,
-13.7044, 8.9472

■ 199.7980,
-13.7044, 8.9472

■ 193.8820,
-21.1408, 14.1355

■ 205.7140, -6.2680,
3.7588

■ 188.5530,
-28.8666, 18.8090

■ 211.0430, 1.4578,
-0.9147

■ 182.6370,
-36.3030, 23.9974

■ 216.9590, 8.8942,
-6.1030

■ 177.3080,
-44.0288, 28.6709

■ 222.1740, 16.1832,
-10.6766

■ 171.3920,
-51.4653, 33.8592

■ 225.6960, 14.4469,
-13.7654

■ 166.0630,
-59.1911, 38.5327

■ 228.6310, 12.9999,
-16.3394

■ 160.1470,
-66.6275, 43.7211

■ 232.1530, 11.2636,
-19.4282

■ 154.8180,
-74.3533, 48.3946

■ 235.0880, 9.8166,
-22.0022

■ 153.7750,
-75.8111, 49.3093

■ 238.6100, 8.0803,
-25.0910

Harmonies

Analogous

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



201.0920, -12.8634, 19.2133



199.7980, -13.7044, 8.9472



197.9320, -10.3195, -3.4484

Triad

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



199.7980, -13.7044, 8.9472



195.7560, 9.9803, -27.8500



203.0650, 4.8980, 15.7290

Complementary

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



199.7980, -13.7044, 8.9472



182.2020, 13.7044, -8.9472

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.



202.1820, 10.7563, 3.3484



199.7980, -13.7044, 8.9472



197.5270, 14.0372, -22.3872

Square

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



199.7980, -13.7044, 8.9472



195.6440, 3.1335, -25.1208



200.0060, 14.2940, -11.4063



203.5730, -2.2545, 23.1765

Rectangle

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



199.7980, -13.7044, 8.9472



197.0880, -6.9454, -12.3552



200.0060, 14.2940, -11.4063



202.9120, 6.9454, 12.3552

Sweetspot

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



199.7980, -13.7044, 8.9472



251.7570, -4.8102, 2.8441



184.5020, -1.2335, 22.3617



125.3270, -2.6262, 2.3442



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.



199.7980, -13.7044, 8.9472



239.8110, -20.1198, 13.3208



202.9770, -15.2717, -1.7338



101.9850, -3.9366, 2.6442



123.0200, -60.6489, 39.4475



29.8690, -14.7254, 9.7619

Inverse Universe

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



182.2020, 13.7044, -8.9472



214.1890, 20.1198, -13.3208



179.0230, 15.2717, 1.7338



97.0150, 3.9366, -2.6442



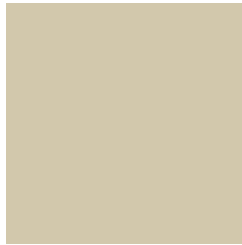
44.9800, 60.6489, -39.4475



11.1310, 14.7254, -9.7619

Previews

White Background



This preview shows how the YUV color 199.7980, -13.7044, 8.9472 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 199.7980, -13.7044, 8.9472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

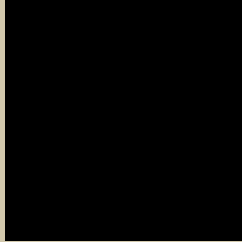
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.7980, -13.7044, 8.9472

Background



This preview shows how black text looks on a background with the YUV color 199.7980, -13.7044, 8.9472.



This preview shows how white text looks on a background with the YUV color 199.7980, -13.7044, 8.9472.

8.9472.

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

199.7980, -13.7044, 8.9472

Protanopia

199.7980, -13.7044, 8.9472

Deuteranopia

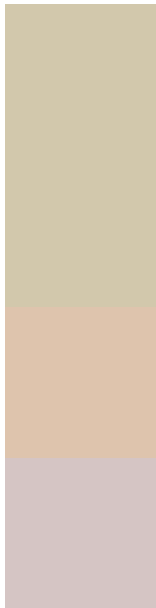
201.4840, -14.0426, 24.1315



Tritanopia

202.6900, 3.6038, 10.7959

Trichromacy



Original Color

199.7980, -13.7044, 8.9472

Protanomaly

199.7980, -13.7044, 8.9472

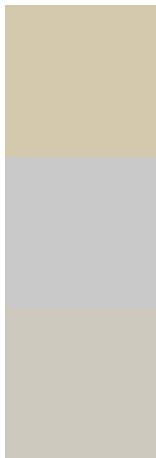
Deuteranomaly

201.1520, -13.8789, 18.2837

Tritanomaly

201.6700, -2.7953, 9.9364

Monochromacy



Original Color

199.7980, -13.7044, 8.9472

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.0560, -4.9576, 3.4589

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.7980, -13.7044, 8.9472 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(210, 200, 172)` looks like.

```
.text, #text, p{  
    color:rgb(210, 200, 172)  
}
```

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(210, 200, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 200, 172) }
```

Border

The CSS property to change the border of an element to YUV 199.7980, -13.7044, 8.9472 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(210, 200, 172) }
```


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

```
.border{ border-color:rgb(210, 200, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 200, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 200, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 200, 172);  
box-shadow:4px 4px 4px 4px rgb(210, 200,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 199.7980, -13.7044, 8.9472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 200, 172) }
```

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

```
.background{ background-color: rgb(210,  
200, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor