

Converting Colors

YUV(172.9800, -9.8501,
-14.0145)

Have a look what the booklet for
YUV(172.9800, -9.8501, -14.0145)
contains.

YUV(172.9800, -9.8501, -14.0145)	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(172.9800, -9.8501,
-14.0145)**

Conversions

Conversions Part 1

Format	Color
Hex	9DB999
RGB	157, 185, 153
RGB Percent	62%, 73%, 60%
CMY	0.3843, 0.2745, 0.4000
CMYK	0.15, 0.00, 0.17, 0.27
HSL	112°, 19%, 66%
HSV	112°, 17%, 73%
XYZ	37.0034, 44.1659, 36.7116
YIQ	172.9800, -6.4160, -15.8880

Conversions

Conversions Part 2

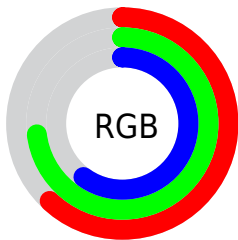
Format	Color
RYB	153, 185, 181
Decimal	10336665
CIELab	72.34, -15.68, 13.11
CIELCh	72, 20.436, 140.105
Yxy	44.1659, 0.3139, 0.3747
Android (android.graphics.Color)	4288526745 (0xFF9DB999)
YUV	172.9800, -9.8501, -14.0145
Hunter-Lab	66.4575, -16.9121, 13.7680

Details

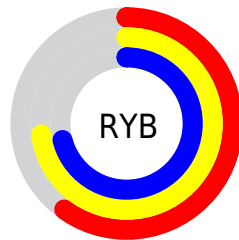
The YUV color **172.9800, -9.8501, -14.0145** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **165.0200, 9.8501, 14.0145**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.4530, -10.5763, -14.4293**, and **120.5070, -9.1240, -13.5996** is the 20% darker color. If you saturate the color by 10%, you get **166.1440, -15.3540, -22.0513**, and if you desaturate by 10%, it is **179.8160, -4.3463, -5.9776**.

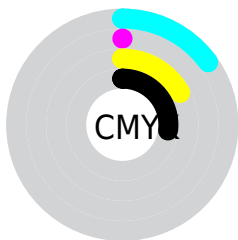
Distribution



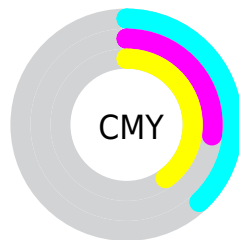
- Red (62%)
- Green (73%)
- Blue (60%)



- Red (60%)
- Yellow (73%)
- Blue (71%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)
- Black (27%)



- Cyan (38%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.9800, -9.8501, -14.0145 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 172.9800, -9.8501, -14.0145 by changing the saturation by 10% instead.

 172.9800, -9.8501,
-14.0145


 172.9800, -9.8501,
-14.0145


255.0000, 0.0000,
0.0000

 146.3930, -9.5607,
-13.4997


 228.4530,
-10.5763, -14.4293


 120.5070, -9.1240,
-13.5996

 248.3490, -6.0881,
-7.3221

 95.9200, -8.8346,
-13.0848

 71.4470, -8.1084,
-12.6700

 48.8600, -7.8190,
-12.1552

 27.2730, -7.5296,
-11.6404

 8.8050, -4.3409,

-7.7220

■ 0.0000, 0.0000,
0.0000

■ 172.9800, -9.8501,
-14.0145

■ 172.9800, -9.8501,
-14.0145

■ 166.1440,
-15.3540, -22.0513

■ 179.8160, -4.3463,
-5.9776

■ 159.1940,
-21.2946, -29.9881

■ 186.7660, 1.5944,
1.9592

■ 152.0590,
-26.6511, -38.6397

■ 194.0150, 7.3876,
10.5108

■ 145.1090,
-32.5917, -46.5766

■ 200.8510, 12.8915,
18.5477

■ 138.2730,
-38.0956, -54.6134

■ 207.6870, 18.3953,
26.5845

■ 131.3230,
-44.0362, -62.5503

■ 213.6110, 20.4048,
35.4212

■ 124.4870,
-49.5401, -70.5871

■ 213.9100, 20.2574,
36.0359

■ 117.5370,
-55.4807, -78.5239

■ 115.4720,
-56.9277, -81.0979

Harmonies

Analogous

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



175.0700, -16.3035, 2.5696



172.9800, -9.8501, -14.0145



170.9980, -0.4920, -28.9392

Triad

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



172.9800, -9.8501, -14.0145



174.8950, 19.2788, -23.5869



180.2490, -7.5178, 31.3536

Complementary

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



172.9800, -9.8501, -14.0145



165.0200, 9.8501, 14.0145

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.



180.9200, 1.5184, 26.3802



172.9800, -9.8501, -14.0145



178.6200, 16.4563, -4.9287

Square

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



172.9800, -9.8501, -14.0145



171.4220, 16.5540, -36.3271



180.8350, 10.4343, 13.2997



178.6910, -14.6377, 28.3350

Rectangle

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



172.9800, -9.8501, -14.0145



169.7890, 6.5130, -35.7720



180.8350, 10.4343, 13.2997



180.4600, -4.1708, 31.1686

Sweetspot

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



172.9800, -9.8501, -14.0145



235.3430, -3.6201, -5.5628



179.0040, -12.8200, 5.2585



117.4080, -2.1731, -2.9888



247.0000, 0.0000, 0.0000



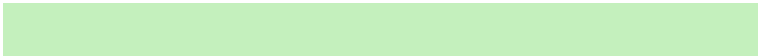
120.0000, 0.0000, 0.0000

Same Dimension

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



172.9800, -9.8501, -14.0145



221.0300, -15.7908, -21.9513



173.1520, -4.0189, -17.6733



88.5820, -2.7519, -4.0184



97.2530, -47.9457, -68.6279



17.6320, -8.6926, -11.9553

Inverse Universe

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



165.0200, 9.8501, 14.0145



207.9700, 15.7908, 21.9513



164.8480, 4.0189, 17.6733



86.4180, 2.7519, 4.0184



58.4480, 48.0931, 68.0131



10.6670, 8.5452, 12.5700

Previews

White Background



This preview shows how the YUV color 172.9800, -9.8501, -14.0145 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 172.9800, -9.8501, -14.0145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

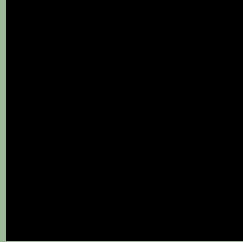
Any Text WCAG AA ✓ Pass

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 172.9800, -9.8501, -14.0145 Background



This preview shows how black text looks on a background with the YUV color 172.9800, -9.8501, -14.0145.



This preview shows how white text looks on a background with the YUV color 172.9800, -9.8501,

-14.0145.

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

172.9800, -9.8501, -14.0145

Protanopia

176.7980, -13.7044, 8.9472

Deuteranopia

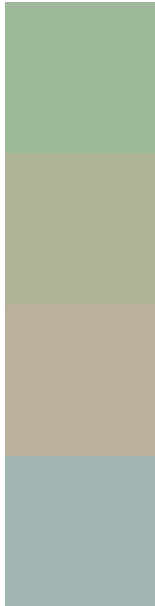
178.5590, -11.1216, 20.5578



Tritanopia

176.2250, 8.7631, -10.7213

Trichromacy



Original Color

172.9800, -9.8501, -14.0145

Protanomaly

175.3840, -12.5143, 0.5402

Deuteranomaly

176.5960, -10.6468, 8.2473

Tritanomaly

174.7920, 2.0745, -12.0956

Monochromacy



Original Color

172.9800, -9.8501, -14.0145

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.7560, -3.3307, -5.0480

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9800, -9.8501, -14.0145 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(157, 185, 153)` looks like.

```
.text, #text, p{  
    color:rgb(157, 185, 153)  
}
```

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(157, 185, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 185, 153) }
```

Border

The CSS property to change the border of an element to YUV 172.9800, -9.8501, -14.0145 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(157, 185, 153) }
```


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

```
.border{ border-color:rgb(157, 185, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 185, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 185, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 185, 153);  
box-shadow:4px 4px 4px 4px rgb(157, 185,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 172.9800, -9.8501, -14.0145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 185, 153) }
```

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

```
.background{ background-color: rgb(157,  
185, 153) }
```

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