

Converting Colors

YUV(199.9910, -26.6176,
-2.6231)

Have a look what the booklet for
YUV(199.9910, -26.6176, -2.6231)
contains.

YUV(199.9910, -26.6176, -2.6231)	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(199.9910, -26.6176,
-2.6231)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D492
RGB	197, 212, 146
RGB Percent	77%, 83%, 57%
CMY	0.2275, 0.1686, 0.4275
CMYK	0.07, 0.00, 0.31, 0.17
HSL	74°, 43%, 70%
HSV	74°, 31%, 83%
XYZ	51.7577, 61.0326, 36.2467
YIQ	199.9910, 12.2460, -23.7060

Conversions

Conversions Part 2

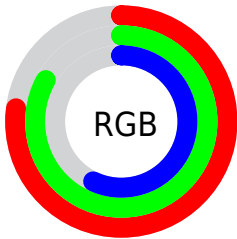
Format	Color
RYB	146, 212, 161
Decimal	12965010
CIELab	82.40, -15.82, 31.04
CIELCh	82, 34.836, 117.007
Yxy	61.0326, 0.3473, 0.4095
Android (android.graphics.Color)	4291155090 (0xFFC5D492)
YUV	199.9910, -26.6176, -2.6231
Hunter-Lab	78.1234, -18.4573, 27.1777

Details

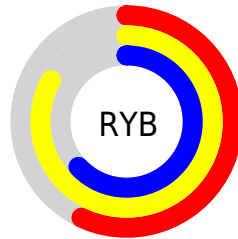
The YUV color **199.9910, -26.6176, -2.6231** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **158.0090, 26.6176, 2.6231**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.4310, -23.8765, 4.8840**, and **145.4470, -24.8704, -3.0230** is the 20% darker color. If you saturate the color by 10%, you get **196.1020, -35.0533, -3.5975**, and if you desaturate by 10%, it is **203.8800, -18.1818, -1.6488**.

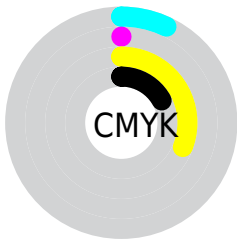
Distribution



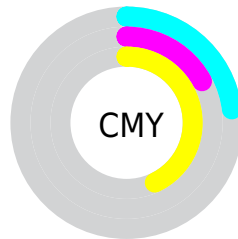
- Red (77%)
- Green (83%)
- Blue (57%)



- Red (57%)
- Yellow (83%)
- Blue (63%)



- Cyan (7%)
- Magenta (0%)
- Yellow (31%)
- Black (17%)



- Cyan (23%)
- Magenta (17%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.9910, -26.6176, -2.6231 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 199.9910, -26.6176, -2.6231 by changing the saturation by 10% instead.

■ 199.9910,
-26.6176, -2.6231

■ 199.9910,
-26.6176, -2.6231

255.0000, 0.0000,
0.0000

■ 172.2190,
-25.7440, -2.8231

■ 248.4310,
-23.8765, 4.8840

■ 145.4470,
-24.8704, -3.0230

■ 252.0360,
-11.3567, 2.5994

■ 119.5610,
-24.4336, -3.1230

■ 94.7890, -23.5600,
-3.3230

■ 70.6040, -22.9758,
-4.0377

■ 47.4900, -23.4126,
-3.9377

■ 27.9980, -13.8030,

-6.1372

■ 8.8050, -4.3409,
-7.7220

■ 0.0000, 0.0000,
0.0000

■ 199.9910,
-26.6176, -2.6231

■ 199.9910,
-26.6176, -2.6231

■ 196.1020,
-35.0533, -3.5975

■ 203.8800,
-18.1818, -1.6488

■ 192.2130,
-43.4890, -4.5718

■ 207.7690, -9.7461,
-0.6744

■ 188.5090,
-52.5089, -4.8314

■ 211.4730, -0.7262,
-0.4148

■ 184.6200,
-60.9447, -5.8057

■ 215.3620, 7.7095,
0.5595

■ 180.7310,
-69.3804, -6.7801

■ 219.2510, 16.1453,
1.5339

■ 176.8420,
-77.8161, -7.7544

■ 221.0880, 16.7186,
4.3078

■ 173.4800,
-85.5256, -8.3140

■ 222.5830, 15.9816,
7.3817

■ 224.0780, 15.2445,
10.4556

■ 225.2740, 14.6549,
12.9147

Harmonies

Analogous

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



203.6030, -31.3563, 24.0272



199.9910, -26.6176, -2.6231



195.2460, -13.4323, -31.7877

Triad

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



199.9910, -26.6176, -2.6231



191.1220, 31.4919, -67.6360



206.4320, 1.7590, 42.5941

Complementary

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



199.9910, -26.6176, -2.6231



158.0090, 26.6176, 2.6231

Split Complementary

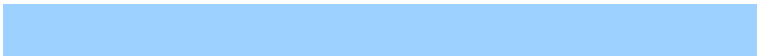
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



210.1990, 15.1849, 29.6435



199.9910, -26.6176, -2.6231



198.6960, 27.7579, -36.5674

Square

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



199.9910, -26.6176, -2.6231



186.5910, 23.3726, -76.8173



206.5910, 23.8656, -1.3953



203.8440, -13.2341, 44.8638

Rectangle

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



199.9910, -26.6176, -2.6231



191.9260, -1.4425, -50.8011



206.5910, 23.8656, -1.3953



208.2730, 6.2744, 40.9796

Sweetspot

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



199.9910, -26.6176, -2.6231



250.8830, -9.3093, -0.7744



173.9520, -13.7803, 33.3681



125.0940, -5.9623, -0.9594



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.



199.9910, -26.6176, -2.6231



238.0050, -37.9635, -3.5124



190.4230, -21.9005, -22.2960



105.1480, -4.5100, -0.1298



139.8450, -68.9436, -6.8801



35.1080, -17.3082, -1.8487

Inverse Universe

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



158.0090, 26.6176, 2.6231



177.9950, 37.9635, 3.5124



167.5770, 21.9005, 22.2960



98.1510, 4.3626, 0.7446



31.1550, 68.9436, 6.8801



7.8920, 17.3082, 1.8487

Previews

White Background



This preview shows how the YUV color 199.9910, -26.6176, -2.6231 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 199.9910, -26.6176, -2.6231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

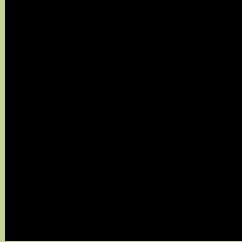
Any Text WCAG AA ✓ Pass

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 199.9910, -26.6176, -2.6231 Background



This preview shows how black text looks on a background with the YUV color 199.9910, -26.6176, -2.6231.



This preview shows how white text looks on a background with the YUV color 199.9910, -26.6176, -2.6231.

-2.6231.

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

199.9910, -26.6176, -2.6231

Protanopia

202.7160, -29.4400, 16.0351

Deuteranopia

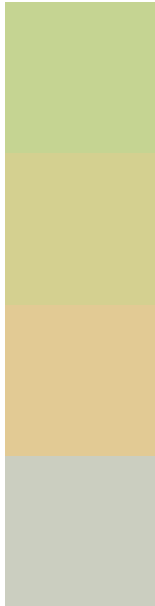
204.3960, -27.3102, 32.9787



Tritanopia

206.0200, 6.3991, 0.8595

Trichromacy



Original Color

199.9910, -26.6176, -2.6231

Protanomaly

201.9000, -28.5447, 8.8577

Deuteranomaly

203.0200, -27.1249, 20.1535

Tritanomaly

203.5070, -5.6730, -0.4446

Monochromacy



Original Color

199.9910, -26.6176, -2.6231

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.7690, -9.7461, -0.6744

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.9910, -26.6176, -2.6231 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(197, 212, 146)` looks like.

```
.text, #text, p{  
    color:rgb(197, 212, 146)  
}
```

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(197, 212, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 212, 146) }
```

Border

The CSS property to change the border of an element to YUV 199.9910, -26.6176, -2.6231 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(197, 212, 146) }
```


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

```
.border{ border-color:rgb(197, 212, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 212, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 212, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 212, 146); box-shadow:4px 4px 4px 4px rgb(197, 212, 146) }
```

Background

The CSS property to change the background color of an element to YUV 199.9910, -26.6176, -2.6231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 212, 146) }
```

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

```
.background{ background-color: rgb(197,  
212, 146) }
```

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