

Converting Colors

YUV(186.6660, -26.9503,
10.8169)

Have a look what the booklet for
YUV(186.6660, -26.9503, 10.8169)
contains.

YUV(186.6660, -26.9503, 10.8169)	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(186.6660, -26.9503,
10.8169)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BF84
RGB	199, 191, 132
RGB Percent	78%, 75%, 52%
CMY	0.2196, 0.2510, 0.4824
CMYK	0.00, 0.04, 0.34, 0.22
HSL	53°, 37%, 65%
HSV	53°, 34%, 78%
XYZ	46.3488, 51.0697, 29.2444
YIQ	186.6660, 23.7070, -16.6530

Conversions

Conversions Part 2

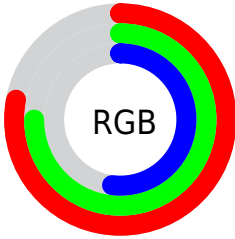
Format	Color
RYB	141, 199, 132
Decimal	13090692
CIELab	76.72, -6.11, 30.82
CIELCh	77, 31.423, 101.207
Yxy	51.0697, 0.3659, 0.4032
Android (android.graphics.Color)	4291280772 (0xFFC7BF84)
YUV	186.6660, -26.9503, 10.8169
Hunter-Lab	71.4630, -9.2904, 25.7612

Details

The YUV color $186.6660, -26.9503, 10.8169$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $144.3340, 26.9503, -10.8169$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.4380, -27.8239, 11.0169$, and $133.4100, -25.3451, 9.2874$ is the 20% darker color. If you saturate the color by 10%, you get $183.2120, -35.1075, 13.8461$, and if you desaturate by 10%, it is $190.1200, -18.7932, 7.7878$.

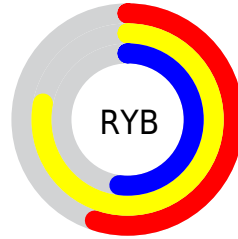
Distribution



Red (78%)

Green (75%)

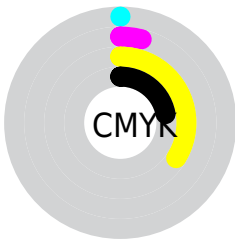
Blue (52%)



Red (55%)

Yellow (78%)

Blue (52%)

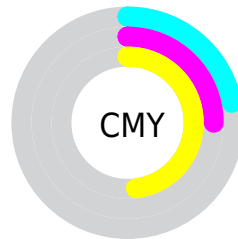


Cyan (0%)

Magenta (4%)

Yellow (34%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.6660, -26.9503, 10.8169 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 186.6660, -26.9503, 10.8169 by changing the saturation by 10% instead.

■ 186.6660,
-26.9503, 10.8169

■ 186.6660,
-26.9503, 10.8169

■ 255.0000, 0.0000,
0.0000

■ 159.4810,
-26.3661, 10.1022

■ 242.4380,
-27.8239, 11.0169

■ 133.4100,
-25.3451, 9.2874

■ 250.2120,
-18.3455, 4.1991

■ 107.6380,
-24.4715, 9.0875

■ 253.5180, -5.6784,
1.2997

■ 83.1540, -23.7399,
7.7579

■ 59.4420, -23.8819,
6.6284

■ 38.6960, -19.0771,
5.5286

■ 19.1820, -9.4567,

-0.1596

■ 0.0000, 0.0000,
0.0000

■ 186.6660,
-26.9503, 10.8169

■ 186.6660,
-26.9503, 10.8169

■ 183.2120,
-35.1075, 13.8461

■ 190.1200,
-18.7932, 7.7878

■ 179.1710,
-42.9753, 17.3900

■ 194.1610,
-10.9254, 4.2438

■ 175.7170,
-51.1325, 20.4192

■ 197.6150, -2.7682,
1.2146

■ 171.6760,
-59.0003, 23.9631

■ 201.6560, 5.0996,
-2.3293

■ 168.3360,
-66.7206, 26.8923

■ 205.1100, 13.2568,
-5.3585

■ 164.8820,
-74.8778, 29.9215

■ 208.4500, 20.9772,
-8.2876

■ 162.2260,
-79.9774, 32.2508

■ 210.6670, 21.8562,
-10.2320

■ 211.8410, 21.2774,
-11.2616

■ 213.0150, 20.6986,
-12.2912

Harmonies

Analogous

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



189.2110, -26.7260, 32.2640



186.6660, -26.9503, 10.8169



183.2760, -18.8701, -14.2741

Triad

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



186.6660, -26.9503, 10.8169



174.6400, 25.8135, -66.3363



193.8810, 7.4537, 36.0614

Complementary

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



186.6660, -26.9503, 10.8169



144.3340, 26.9503, -10.8169

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.



192.9410, 19.7491, 12.3297



186.6660, -26.9503, 10.8169



181.1290, 30.9954, -48.3481

Square

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



186.6660, -26.9503, 10.8169



175.1170, 12.2673, -61.4926



188.6320, 28.2824, -18.0943



192.8750, -6.8404, 47.4676

Rectangle

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



186.6660, -26.9503, 10.8169



180.4570, -10.0853, -31.9728



188.6320, 28.2824, -18.0943



193.9880, 11.8379, 29.8285

Sweetspot

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



186.6660, -26.9503, 10.8169



250.3890, -10.0518, 4.0438



153.0590, -5.9451, 40.2903



125.0020, -6.4100, 2.6292



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.



186.6660, -26.9503, 10.8169



236.3280, -41.0807, 16.3753



183.8870, -25.5803, -8.6709



97.3870, -3.6418, 1.4146



133.2650, -65.6996, 26.0776



28.9610, -14.2778, 6.1732

Inverse Universe

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



144.3340, 26.9503, -10.8169



171.6720, 41.0807, -16.3753



147.1130, 25.5803, 8.6709



91.6130, 3.6418, -1.4146



29.7350, 65.6996, -26.0776



6.4520, 14.5672, -5.6584

Previews

White Background



This preview shows how the YUV color 186.6660, -26.9503, 10.8169 looks on a white background.

Color Contrast Check

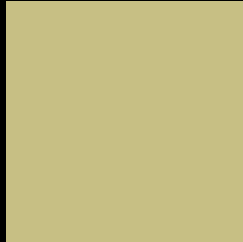
Large Text (above 18pt) WCAG AA × Fail

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 186.6660, -26.9503, 10.8169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

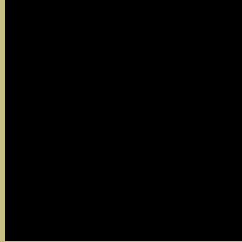
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

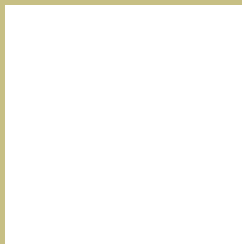
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 186.6660, -26.9503, 10.8169

Background



This preview shows how black text looks on a background with the YUV color 186.6660, -26.9503, 10.8169.



This preview shows how white text looks on a background with the YUV color 186.6660, -26.9503,

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

186.6660, -26.9503, 10.8169

Protanopia

187.1720, -27.6928, 15.6352

Deuteranopia

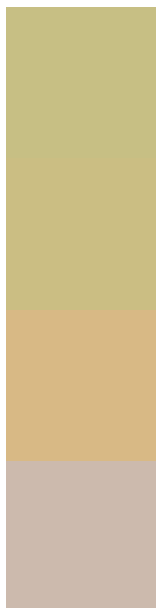
188.7980, -27.0154, 31.7492



Tritanopia

191.7720, 2.5774, 13.3550

Trichromacy



Original Color

186.6660, -26.9503, 10.8169

Protanomaly

187.1610, -27.6874, 13.8908

Deuteranomaly

188.3410, -27.2831, 24.2569

Tritanomaly

189.9000, -8.3317, 12.3657

Monochromacy



Original Color

186.6660, -26.9503, 10.8169

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.5030, -9.6150, 3.9439

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.6660, -26.9503, 10.8169 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(199, 191, 132)` looks like.

```
.text, #text, p{  
    color:rgb(199, 191, 132)  
}
```

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(199, 191, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 191, 132) }
```

Border

The CSS property to change the border of an element to YUV 186.6660, -26.9503, 10.8169 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(199, 191, 132) }
```


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

```
.border{ border-color:rgb(199, 191, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 191, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 191, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 191, 132);  
box-shadow:4px 4px 4px 4px rgb(199, 191,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 186.6660, -26.9503, 10.8169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 191, 132) }
```

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

```
.background{ background-color: rgb(199,  
191, 132) }
```

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