

Converting Colors

YUV(185.2110, -13.4150,
9.4620)

Have a look what the booklet for
YUV(185.2110, -13.4150, 9.4620)
contains.

YUV(185.2110, -13.4150, 9.4620)	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(185.2110, -13.4150,
9.4620)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B99E
RGB	196, 185, 158
RGB Percent	77%, 73%, 62%
CMY	0.2314, 0.2745, 0.3804
CMYK	0.00, 0.06, 0.19, 0.23
HSL	43°, 24%, 69%
HSV	43°, 19%, 77%
XYZ	46.2855, 48.9023, 39.3473
YIQ	185.2110, 15.2230, -6.0650

Conversions

Conversions Part 2

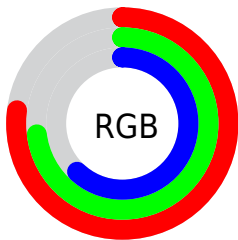
Format	Color
RYB	173, 196, 158
Decimal	12892574
CIELab	75.39, -0.55, 15.11
CIELCh	75, 15.124, 92.087
Yxy	48.9023, 0.3440, 0.3635
Android (android.graphics.Color)	4291082654 (0xFFC4B99E)
YUV	185.2110, -13.4150, 9.4620
Hunter-Lab	69.9302, -4.2320, 15.5907

Details

The YUV color $185.2110, -13.4150, 9.4620$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $168.7890, 13.4150, -9.4620$, and the grayscale version is $185.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.3960, -13.9992, 10.1767$, and $132.1400, -12.3940, 8.6472$ is the 20% darker color. If you saturate the color by 10%, you get $179.4090, -20.4146, 14.5503$, and if you desaturate by 10%, it is $191.0130, -6.4154, 4.3736$.

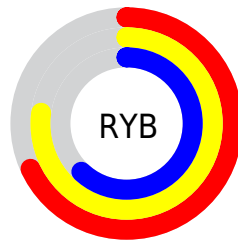
Distribution



Red (77%)

Green (73%)

Blue (62%)



Red (68%)

Yellow (77%)

Blue (62%)

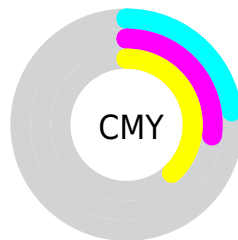


Cyan (0%)

Magenta (6%)

Yellow (19%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.2110, -13.4150, 9.4620 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 185.2110, -13.4150, 9.4620 by changing the saturation by 10% instead.

■ 185.2110,
-13.4150, 9.4620

■ 185.2110,
-13.4150, 9.4620

255.0000, 0.0000,
0.0000

■ 158.3250,
-12.9782, 9.3620

■ 241.3960,
-13.9992, 10.1767

■ 132.1400,
-12.3940, 8.6472

■ 253.4040, -6.1152,
1.3997

■ 106.8410,
-12.2466, 8.0324

■ 82.6560, -11.6624,
7.3177

■ 59.4710, -11.0782,
6.6029

■ 37.6990, -10.2046,
6.4030

■ 17.4430, -8.5994,

4.8735

■ 0.0000, 0.0000,
0.0000

■ 185.2110,
-13.4150, 9.4620

■ 185.2110,
-13.4150, 9.4620

■ 179.4090,
-20.4146, 14.5503

■ 191.0130, -6.4154,
4.3736

■ 174.3080,
-27.2668, 19.0239

■ 196.1140, 0.4368,
-0.1000

■ 168.5060,
-34.2665, 24.1122

■ 201.9160, 7.4364,
-5.1883

■ 162.8180,
-40.8293, 29.1006

■ 207.6040, 13.9992,
-10.1767

■ 157.6030,
-48.1183, 33.6742

■ 212.7050, 20.8514,
-14.6503

■ 151.8010,
-55.1179, 38.7625

■ 216.2270, 19.1151,
-17.7391

■ 146.1130,
-61.6807, 43.7509

■ 219.7490, 17.3787,
-20.8279

■ 140.8980,
-68.9697, 48.3245

■ 222.6840, 15.9318,
-23.4019

■ 140.1970,
-69.1171, 48.9392

■ 226.2060, 14.1954,
-26.4907

Harmonies

Analogous

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



186.3200, -11.9898, 19.0134



185.2110, -13.4150, 9.4620



183.2310, -10.4669, -2.8336

Triad

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



185.2110, -13.4150, 9.4620



180.9410, 9.3961, -27.1353



188.4670, 5.1928, 14.4994

Complementary

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



185.2110, -13.4150, 9.4620



168.7890, 13.4150, -9.4620

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.



187.4700, 10.6143, 2.2188



185.2110, -13.4150, 9.4620



183.0000, 13.3110, -22.8020

Square

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



185.2110, -13.4150, 9.4620



180.8290, 2.5493, -24.4060



185.4790, 13.5679, -11.8211



188.3880, -1.6703, 22.4617

Rectangle

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



185.2110, -13.4150, 9.4620



182.6860, -7.2402, -11.1256



185.4790, 13.5679, -11.8211



188.0150, 7.3876, 10.5108

Sweetspot

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



185.2110, -13.4150, 9.4620



250.9420, -5.3944, 3.5589



170.6160, -0.7967, 22.2618



125.2130, -3.0630, 2.4442



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.



185.2110, -13.4150, 9.4620



238.2950, -20.8514, 14.6503



189.2760, -15.4191, -1.1191



94.0990, -3.4998, 2.5442



115.0570, -56.7231, 40.2920



23.9550, -11.8098, 7.9325

Inverse Universe

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



168.7890, 13.4150, -9.4620



212.7050, 20.8514, -14.6503



164.7240, 15.4191, 1.1191



89.9010, 3.4998, -2.5442



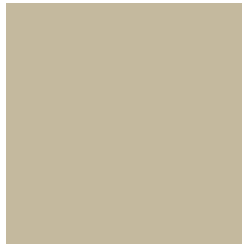
45.9430, 56.7231, -40.2920



9.6320, 11.5204, -8.4473

Previews

White Background



This preview shows how the YUV color 185.2110, -13.4150, 9.4620 looks on a white background.

Color Contrast Check

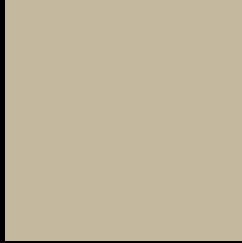
Large Text (above 18pt) WCAG AA × Fail

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 185.2110, -13.4150, 9.4620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

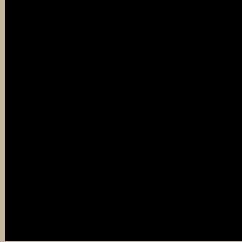
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.2110, -13.4150, 9.4620

Background



This preview shows how black text looks on a background with the YUV color 185.2110, -13.4150, 9.4620.



This preview shows how white text looks on a background with the YUV color 185.2110, -13.4150, 9.4620.

9.4620.

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

185.2110, -13.4150, 9.4620

Protanopia

184.9120, -13.2676, 8.8472

Deuteranopia

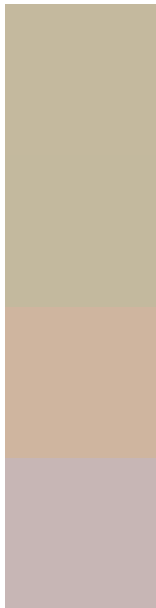
186.8860, -13.7478, 22.9020



Tritanopia

187.8750, 3.0196, 11.5106

Trichromacy



Original Color

185.2110, -13.4150, 9.4620

Protanomaly

184.9120, -13.2676, 8.8472

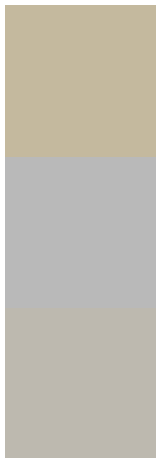
Deuteranomaly

186.2660, -13.4421, 18.1837

Tritanomaly

186.9690, -2.9427, 10.5512

Monochromacy



Original Color

185.2110, -13.4150, 9.4620

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.0560, -4.9576, 3.4589

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.2110, -13.4150, 9.4620 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(196, 185, 158)` looks like.

```
.text, #text, p{  
    color:rgb(196, 185, 158)  
}
```

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(196, 185, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 185, 158) }
```

Border

The CSS property to change the border of an element to YUV 185.2110, -13.4150, 9.4620 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(196, 185, 158) }
```


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

```
.border{ border-color:rgb(196, 185, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 185, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 185, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 185, 158);  
box-shadow:4px 4px 4px 4px rgb(196, 185,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 185.2110, -13.4150, 9.4620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 185, 158) }
```

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

```
.background{ background-color: rgb(196,  
185, 158) }
```

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