

Converting Colors

YUV(133.9410, -13.7749,
31.6237)

Have a look what the booklet for
YUV(133.9410, -13.7749, 31.6237)
contains.

YUV(133.9410, -13.7749, 31.6237)	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(133.9410, -13.7749,
31.6237)**

Conversions

Conversions Part 1

Format	Color
Hex	AA796A
RGB	170, 121, 106
RGB Percent	67%, 47%, 42%
CMY	0.3333, 0.5255, 0.5843
CMYK	0.00, 0.29, 0.38, 0.33
HSL	14°, 27%, 54%
HSV	14°, 38%, 67%
XYZ	26.0165, 23.2614, 16.7544
YIQ	133.9410, 34.0190, 5.7230

Conversions

Conversions Part 2

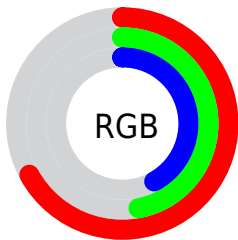
Format	Color
RYB	170, 126, 106
Decimal	11172202
CIELab	55.34, 17.14, 15.83
CIELCh	55, 23.331, 42.719
Yxy	23.2614, 0.3940, 0.3523
Android (android.graphics.Color)	4289362282 (0xFFAA796A)
YUV	133.9410, -13.7749, 31.6237
Hunter-Lab	48.2301, 11.8845, 13.1647

Details

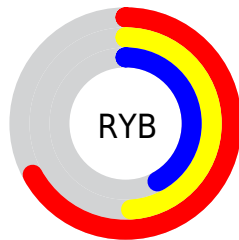
The YUV color **133.9410, -13.7749, 31.6237** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **142.0590, 13.7749, -31.6237**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.9090, -15.2381, 34.2828**, and **83.6740, -12.1643, 28.3499** is the 20% darker color. If you saturate the color by 10%, you get **124.3720, -17.4384, 40.0158**, and if you desaturate by 10%, it is **143.5100, -10.1114, 23.2317**.

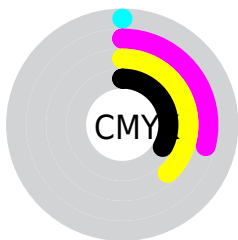
Distribution



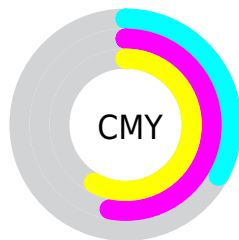
- Red (67%)
- Green (47%)
- Blue (42%)



- Red (67%)
- Yellow (49%)
- Blue (42%)



- Cyan (0%)
- Magenta (29%)
- Yellow (38%)
- Black (33%)



- Cyan (33%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.9410, -13.7749, 31.6237 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 133.9410, -13.7749, 31.6237 by changing the saturation by 10% instead.

■ 133.9410,
-13.7749, 31.6237

■ 133.9410,
-13.7749, 31.6237

■ 255.0000, 0.0000,
0.0000

■ 108.4570,
-13.0433, 30.2942

■ 187.9090,
-15.2381, 34.2828

■ 83.6740, -12.1643,
28.3499

■ 215.2080,
-15.3855, 34.8976

■ 59.8910, -11.2853,
26.4056

■ 234.8360,
-11.2581, 17.6838

■ 37.6950, -10.6956,
23.9465

■ 253.2900, -6.5520,
1.4997

■ 15.4930, -7.6380,
23.2466

■ 0.0000, 0.0000,
0.0000

■ 133.9410,
-13.7749, 31.6237

■ 133.9410,
-13.7749, 31.6237

■ 124.3720,
-17.4384, 40.0158

■ 143.5100,
-10.1114, 23.2317

■ 114.8030,
-21.1019, 48.4078

■ 153.0790, -6.4479,
14.8397

■ 105.2340,
-24.7654, 56.7998

■ 162.6480, -2.7845,
6.4477

■ 95.6650, -28.4288,
65.1918

■ 172.2170, 0.8790,
-1.9443

■ 86.0960, -32.0923,
73.5838

■ 181.7860, 4.5425,
-10.3363

■ 76.5270, -35.7558,
81.9758

■ 191.3550, 8.2060,
-18.7283

■ 74.3100, -36.6348,
83.9201

■ 200.9240, 11.8695,
-27.1203

■ 210.4930, 15.5330,

-35.5124

■ 219.6060, 17.4492,
-43.5045

Harmonies

Analogous

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



135.2430, -5.0498, 33.1129



133.9410, -13.7749, 31.6237



132.2080, -18.8365, 21.7426

Triad

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



133.9410, -13.7749, 31.6237



125.1290, -2.5286, -29.0541



132.0860, 19.6776, -11.4764

Complementary

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



133.9410, -13.7749, 31.6237



142.0590, 13.7749, -31.6237

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.



127.7090, 21.3425, -32.1938



133.9410, -13.7749, 31.6237



122.7280, 9.0081, -42.7345

Square

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



133.9410, -13.7749, 31.6237



128.4920, -13.0606, -10.9555



123.0080, 17.7441, -44.7340



134.9100, 13.3554, 9.7259

Rectangle

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



133.9410, -13.7749, 31.6237



131.3270, -19.3882, 11.9912



123.0080, 17.7441, -44.7340



130.9710, 20.7203, -19.2686

Sweetspot

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



133.9410, -13.7749, 31.6237



207.9970, -5.4215, 12.2806



130.7220, 11.9691, 34.4468



103.9470, -2.9319, 7.0625



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



133.9410, -13.7749, 31.6237



165.4010, -21.3967, 49.6373



152.7250, -23.0354, 15.1502



79.5660, -1.7580, 3.8886



64.7970, -31.9449, 72.9690



8.9150, -4.3951, 9.7215

Inverse Universe

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



142.0590, 13.7749, -31.6237



178.0120, 21.6861, -49.1225



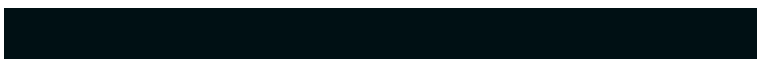
123.2750, 23.0354, -15.1502



80.4340, 1.7580, -3.8886



83.2030, 31.9449, -72.9690



11.6720, 4.1057, -10.2363

Previews

White Background



This preview shows how the YUV color 133.9410, -13.7749, 31.6237 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 133.9410, -13.7749, 31.6237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

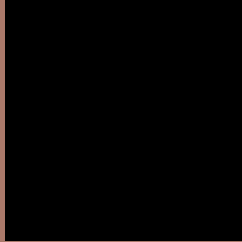
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.9410, -13.7749, 31.6237

Background



This preview shows how black text looks on a background with the YUV color 133.9410, -13.7749, 31.6237.



This preview shows how white text looks on a background with the YUV color 133.9410, -13.7749, 31.6237.

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

133.9410, -13.7749, 31.6237

Protanopia

132.6990, -10.2046, 6.4030

Deuteranopia

133.4510, -14.0263, 18.8985



Tritanopia

135.1720, -4.0288, 32.2982

Trichromacy



Original Color

133.9410, -13.7749, 31.6237

Protanomaly

133.4120, -11.5421, 15.4247

Deuteranomaly

133.1850, -13.8952, 23.5168

Tritanomaly

134.5480, -7.6652, 31.9684

Monochromacy



Original Color

133.9410, -13.7749, 31.6237

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.8120, -4.8373, 11.5659

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.9410, -13.7749, 31.6237 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(170, 121, 106)` looks like.

```
.text, #text, p{  
    color:rgb(170, 121, 106)  
}
```

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(170, 121, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 121, 106) }
```

Border

The CSS property to change the border of an element to YUV 133.9410, -13.7749, 31.6237 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(170, 121, 106) }
```


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

```
.border{ border-color:rgb(170, 121, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 121, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 121, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 121, 106);  
box-shadow:4px 4px 4px 4px rgb(170, 121,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 133.9410, -13.7749, 31.6237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 121, 106) }
```

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

```
.background{ background-color: rgb(170,  
121, 106) }
```

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](#).

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