

Converting Colors

YUV(137.9940, -10.8430,
24.5613)

Have a look what the booklet for
YUV(137.9940, -10.8430, 24.5613)
contains.

YUV(137.9940, -10.8430, 24.5613)	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(137.9940, -10.8430,
24.5613)**

Conversions

Conversions Part 1

Format	Color
Hex	A68074
RGB	166, 128, 116
RGB Percent	65%, 50%, 45%
CMY	0.3490, 0.4980, 0.5451
CMYK	0.00, 0.23, 0.30, 0.35
HSL	14°, 22%, 55%
HSV	14°, 30%, 65%
XYZ	26.5974, 24.8063, 19.9093
YIQ	137.9940, 26.5000, 4.3240

Conversions

Conversions Part 2

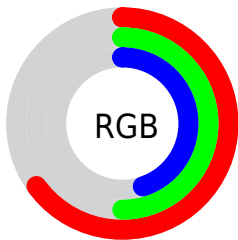
Format	Color
R_{YB}	166, 132, 116
Decimal	10911860
CIE _{Lab}	56.89, 12.88, 12.15
CIE _{LCh}	57, 17.704, 43.332
Yxy	24.8063, 0.3730, 0.3479
Android (android.graphics.Color)	4289101940 (0xFFA68074)
YUV	137.9940, -10.8430, 24.5613
Hunter-Lab	49.8059, 8.1625, 11.1637

Details

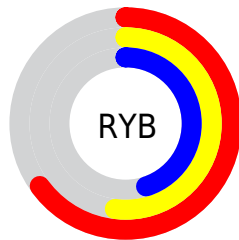
The YUV color **137.9940, -10.8430, 24.5613** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **144.0060, 10.8430, -24.5613**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.7770, -11.7221, 26.5056**, and **87.9120, -9.8166, 22.0022** is the 20% darker color. If you saturate the color by 10%, you get **128.4250, -14.5065, 32.9533**, and if you desaturate by 10%, it is **147.5630, -7.1796, 16.1692**.

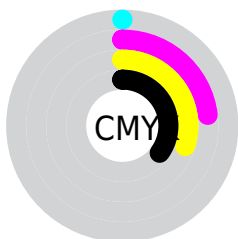
Distribution



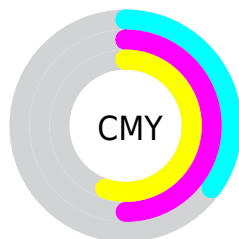
- Red (65%)
- Green (50%)
- Blue (45%)



- Red (65%)
- Yellow (52%)
- Blue (45%)



- Cyan (0%)
- Magenta (23%)
- Yellow (30%)
- Black (35%)



- Cyan (35%)
- Magenta (50%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.9940, -10.8430, 24.5613 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 137.9940, -10.8430, 24.5613 by changing the saturation by 10% instead.

■ 137.9940,
-10.8430, 24.5613

■ 137.9940,
-10.8430, 24.5613

■ 255.0000, 0.0000,
0.0000

■ 112.3960,
-10.5482, 23.3317

■ 191.7770,
-11.7221, 26.5056

■ 87.9120, -9.8166,
22.0022

■ 219.3750,
-12.0169, 27.7351

■ 64.4280, -9.0850,
20.6726

■ 240.7860, -8.7685,
12.4657

■ 41.6450, -8.2060,
18.7283

■ 254.6580, -1.3104,
0.2999

■ 19.8900, -9.8058,
18.5135

■ 0.0000, 0.0000,
0.0000

■ 137.9940,
-10.8430, 24.5613

■ 137.9940,
-10.8430, 24.5613

■ 128.4250,
-14.5065, 32.9533

■ 147.5630, -7.1796,
16.1692

■ 119.5570,
-18.0226, 40.7305

■ 156.4310, -3.6635,
8.3920

■ 109.9880,
-21.6861, 49.1225

■ 166.0000, 0.0000,
0.0000

■ 101.1200,
-25.2022, 56.8998

■ 174.8680, 3.5161,
-7.7772

■ 91.5510, -28.8656,
65.2918

■ 184.4370, 7.1796,
-16.1692

■ 81.9820, -32.5291,
73.6838

■ 194.0060, 10.8430,
-24.5613

■ 73.1140, -36.0452,
81.4610

■ 202.8740, 14.3591,
-32.3385

■ 212.4430, 18.0226,

-40.7305

■ 220.7580, 16.8813,
-48.0228

Harmonies

Analogous

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



139.0140, -4.4439, 25.4207



137.9940, -10.8430, 24.5613



136.9130, -14.7471, 16.7393

Triad

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



137.9940, -10.8430, 24.5613



131.5860, -2.2609, -21.5619



137.0280, 14.2832, -7.9176

Complementary

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



137.9940, -10.8430, 24.5613



144.0060, 10.8430, -24.5613

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.



133.3960, 16.0738, -22.2723



137.9940, -10.8430, 24.5613



129.8220, 6.4968, -30.5389

Square

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



137.9940, -10.8430, 24.5613



133.4260, -9.5770, -8.2666



130.8310, 12.9013, -31.4238



138.6880, 10.0138, 8.1666

Rectangle

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



137.9940, -10.8430, 24.5613



135.8690, -14.7254, 9.7619



130.8310, 12.9013, -31.4238



135.6360, 15.4625, -12.8358

Sweetspot

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



137.9940, -10.8430, 24.5613



205.9150, -4.3951, 9.7215



135.2820, 9.2280, 26.9397



102.7620, -2.3477, 6.3477



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



137.9940, -10.8430, 24.5613



172.8880, -16.7068, 38.6862



152.6690, -18.0778, 11.6913



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.



144.0060, 10.8430, -24.5613



182.5250, 16.9962, -38.1714



129.3310, 18.0778, -11.6913



80.4340, 1.7580, -3.8886



82.6160, 32.2343, -72.4542



11.6720, 4.1057, -10.2363

Previews

White Background



This preview shows how the YUV color 137.9940, -10.8430, 24.5613 looks on a white background.

Color Contrast Check

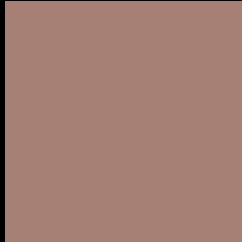
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.9940, -10.8430, 24.5613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

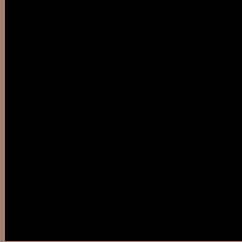
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.9940, -10.8430, 24.5613

Background



This preview shows how black text looks on a background with the YUV color 137.9940, -10.8430, 24.5613.



This preview shows how white text looks on a background with the YUV color 137.9940, -10.8430,

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

137.9940, -10.8430, 24.5613

Protanopia

136.2690, -8.0206, 5.9031

Deuteranopia

137.5370, -11.1107, 17.0691



Tritanopia

138.9970, -1.9705, 25.4356

Trichromacy



Original Color

137.9940, -10.8430, 24.5613

Protanomaly

136.7860, -8.7685, 12.4657

Deuteranomaly

137.8470, -11.2636, 19.4282

Tritanomaly

138.4870, -5.1701, 25.0059

Monochromacy



Original Color

137.9940, -10.8430, 24.5613

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.7300, -3.8109, 9.0068

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.9940, -10.8430, 24.5613 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(166, 128, 116)` looks like.

```
.text, #text, p{  
    color:rgb(166, 128, 116)  
}
```

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(166, 128, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 128, 116) }
```

Border

The CSS property to change the border of an element to YUV 137.9940, -10.8430, 24.5613 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(166, 128, 116) }
```


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

```
.border{ border-color:rgb(166, 128, 116) }
```

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

Here you see how a box with a 4 pixel rgb(166, 128, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 128, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 128, 116);  
box-shadow:4px 4px 4px 4px rgb(166, 128,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 137.9940, -10.8430, 24.5613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 128, 116) }
```

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

```
.background{ background-color: rgb(166,  
128, 116) }
```

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