

Converting Colors

YUV(135.2510, -34.1407,
30.4749)

Have a look what the booklet for
YUV(135.2510, -34.1407, 30.4749)
contains.

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Color

**YUV(135.2510, -34.1407,
30.4749)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8342
RGB	170, 131, 66
RGB Percent	67%, 51%, 26%
CMY	0.3333, 0.4863, 0.7412
CMYK	0.00, 0.23, 0.61, 0.33
HSL	37°, 44%, 46%
HSV	37°, 61%, 67%
XYZ	25.6772, 25.1720, 8.6596
YIQ	135.2510, 44.1090, -11.9470

Conversions

Conversions Part 2

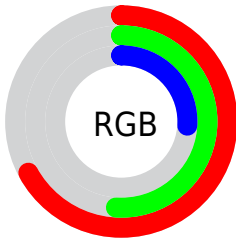
Format	Color
R_{YB}	128, 170, 66
Decimal	11174722
CIE Lab	57.24, 7.53, 40.27
CIE LCh	57, 40.969, 79.416
Yxy	25.1720, 0.4315, 0.4230
Android (android.graphics.Color)	4289364802 (0xFFAA8342)
YUV	135.2510, -34.1407, 30.4749
Hunter-Lab	50.1717, 3.5535, 24.8868

Details

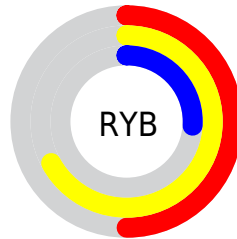
The YUV color **135.2510, -34.1407, 30.4749** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **100.7490, 34.1407, -30.4749**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.4040, -36.1882, 33.8487**, and **84.4570, -33.2563, 26.7862** is the 20% darker color. If you saturate the color by 10%, you get **129.7910, -39.8300, 35.2633**, and if you desaturate by 10%, it is **140.7110, -28.4515, 25.6865**.

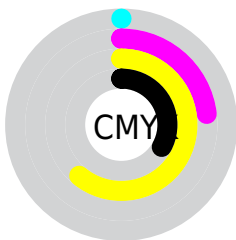
Distribution



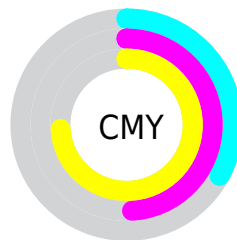
- Red (67%)
- Green (51%)
- Blue (26%)



- Red (50%)
- Yellow (67%)
- Blue (26%)



- Cyan (0%)
- Magenta (23%)
- Yellow (61%)
- Black (33%)



- Cyan (33%)
- Magenta (49%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.2510, -34.1407, 30.4749 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 135.2510, -34.1407, 30.4749 by changing the saturation by 10% instead.

■ 135.2510,
-34.1407, 30.4749

■ 135.2510,
-34.1407, 30.4749

255.0000, 0.0000,
0.0000

■ 109.4680,
-33.2617, 28.5306

■ 189.4040,
-36.1882, 33.8487

■ 84.4570, -33.2563,
26.7862

■ 216.2900,
-36.6250, 33.9487

■ 60.9450, -30.0459,
23.7272

■ 236.3910,
-33.2238, 16.3201

■ 40.2570, -19.8467,
19.0686

■ 248.3880,
-25.3343, 5.7987

■ 21.6290, -10.6631,
13.4804

■ 251.5800,
-13.1039, 2.9993

■ 0.0000, 0.0000,
0.0000

254.8860, -0.4368,

0.1000

■ 135.2510,
-34.1407, 30.4749

■ 135.2510,
-34.1407, 30.4749

■ 129.7910,
-39.8300, 35.2633

■ 140.7110,
-28.4515, 25.6865

■ 123.7440,
-45.2298, 40.5665

■ 146.7580,
-23.0517, 20.3832

■ 118.2840,
-50.9190, 45.3549

■ 152.2180,
-17.3625, 15.5948

■ 113.0520,
-55.7346, 49.9434

■ 157.6780,
-11.6733, 10.8064

■ 163.7250, -6.2734,
5.5032

■ 169.1850, -0.5842,
0.7148

■ 175.2320, 4.8156,
-4.5885

■ 180.6920, 10.5048,
-9.3769

■ 186.1520, 16.1941,
-14.1653

Harmonies

Analogous

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



137.1470, -26.2015, 50.7371



135.2510, -34.1407, 30.4749



132.3570, -31.7280, 3.1949

Triad

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



135.2510, -34.1407, 30.4749



109.8120, 24.7427, -96.3051



141.3600, 21.0215, 24.2403

Complementary

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



135.2510, -34.1407, 30.4749



100.7490, 34.1407, -30.4749

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.



137.3210, 33.3657, -15.1905



135.2510, -34.1407, 30.4749



111.5850, 39.1516, -97.8600

Square

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



135.2510, -34.1407, 30.4749



114.5750, 4.1535, -72.4183



120.3740, 42.7066, -71.3650



140.5130, 5.6631, 50.4161

Rectangle

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



135.2510, -34.1407, 30.4749



128.8860, -24.1008, -16.5630



120.3740, 42.7066, -71.3650



141.1350, 25.5694, 12.1596

Sweetspot

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



135.2510, -34.1407, 30.4749



208.6350, -13.1311, 11.7211



101.6560, 2.1416, 59.9377



103.9810, -7.8786, 7.0327



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.



135.2510, -34.1407, 30.4749



167.7250, -53.1084, 47.5992



154.5560, -43.6581, 3.0204



81.3270, -2.6262, 2.3442



98.2560, -48.4402, 43.6255



13.6110, -6.7102, 5.6032

Inverse Universe

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



100.7490, 34.1407, -30.4749



114.2750, 53.1084, -47.5992



81.4440, 43.6581, -3.0204



78.6730, 2.6262, -2.3442



49.1570, 48.7296, -43.1107



6.9760, 6.4208, -6.1180

Previews

White Background



This preview shows how the YUV color 135.2510, -34.1407, 30.4749 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 135.2510, -34.1407, 30.4749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

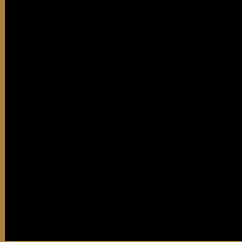
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.2510, -34.1407, 30.4749

Background



This preview shows how black text looks on a background with the YUV color 135.2510, -34.1407, 30.4749.



This preview shows how white text looks on a background with the YUV color 135.2510, -34.1407, 30.4749.

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

135.2510, -34.1407, 30.4749

Protanopia

134.2060, -32.6396, 15.6053

Deuteranopia

135.2510, -34.1407, 30.4749



Tritanopia

140.2750, -3.5866, 30.4538

Trichromacy



Original Color

135.2510, -34.1407, 30.4749

Protanomaly

134.4240, -33.2400, 21.5532

Deuteranomaly

135.2510, -34.1407, 30.4749

Tritanomaly

138.7020, -14.6431, 30.0793

Monochromacy



Original Color

135.2510, -34.1407, 30.4749

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.4500, -12.5468, 11.0064

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.2510, -34.1407, 30.4749 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, 131, 66)` looks like.

```
.text, #text, p{  
    color:rgb(170, 131, 66)  
}
```

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, 131, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 131, 66) }
```

Border

The CSS property to change the border of an element to YUV 135.2510, -34.1407, 30.4749 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, 131, 66) }
```


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

```
.border{ border-color:rgb(170, 131, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 131, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 131, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 131, 66);  
box-shadow:4px 4px 4px 4px rgb(170, 131,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 135.2510, -34.1407, 30.4749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 131, 66) }
```

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

```
.background{ background-color: rgb(170,  
131, 66) }
```

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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