

Converting Colors

YUV(131.3410, -44.0451,
33.9039)

Have a look what the booklet for
YUV(131.3410, -44.0451, 33.9039)
contains.

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Color

**YUV(131.3410, -44.0451,
33.9039)**

Conversions

Conversions Part 1

Format	Color
Hex	AA812A
RGB	170, 129, 42
RGB Percent	67%, 51%, 16%
CMY	0.3333, 0.4941, 0.8353
CMYK	0.00, 0.24, 0.75, 0.33
HSL	41°, 60%, 42%
HSV	41°, 75%, 67%
XYZ	24.8457, 24.4137, 5.5933
YIQ	131.3410, 52.3630, -18.3650

Conversions

Conversions Part 2

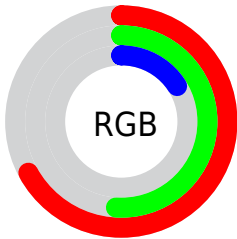
Format	Color
R_{YB}	102, 170, 42
Decimal	11174186
CIE _{Lab}	56.50, 7.20, 50.65
CIE _{LCh}	56, 51.161, 81.909
Yxy	24.4137, 0.4530, 0.4451
Android (android.graphics.Color)	4289364266 (0xFFAA812A)
YUV	131.3410, -44.0451, 33.9039
Hunter-Lab	49.4103, 3.2900, 27.8755

Details

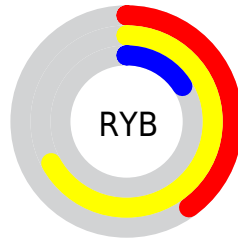
The YUV color **131.3410, -44.0451, 33.9039** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **80.6590, 44.0451, -33.9039**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.9070, -45.8032, 37.7926**, and **81.0460, -39.9557, 28.9007** is the 20% darker color. If you saturate the color by 10%, you get **126.4680, -50.0237, 38.1776**, and if you desaturate by 10%, it is **136.2140, -38.0665, 29.6303**.

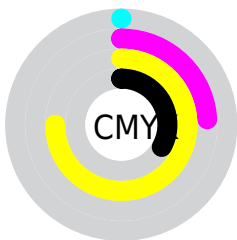
Distribution



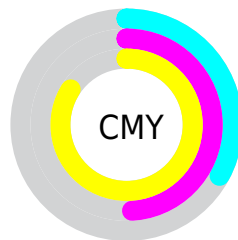
- Red (67%)
- Green (51%)
- Blue (16%)



- Red (40%)
- Yellow (67%)
- Blue (16%)



- Cyan (0%)
- Magenta (24%)
- Yellow (75%)
- Black (33%)



- Cyan (33%)
- Magenta (49%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.3410, -44.0451, 33.9039 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 131.3410, -44.0451, 33.9039 by changing the saturation by 10% instead.

■ 131.3410,
-44.0451, 33.9039

■ 131.3410,
-44.0451, 33.9039

■ 255.0000, 0.0000,
0.0000

■ 104.5750,
-45.6395, 31.9447

■ 185.9070,
-45.8032, 37.7926

■ 81.0460, -39.9557,
28.9007

■ 212.4940,
-46.0925, 37.2778

■ 59.4720, -29.3197,
24.1421

■ 232.0080,
-42.4019, 20.1640

■ 39.0720, -19.2625,
18.3539

■ 245.6520,
-35.8174, 8.1982

■ 19.8570, -9.7895,
13.2804

■ 248.8440,
-23.5871, 5.3988

■ 0.0000, 0.0000,
0.0000

■ 252.1500,

-10.9200, 2.4994

■ 131.3410,
-44.0451, 33.9039

■ 131.3410,
-44.0451, 33.9039

■ 126.4680,
-50.0237, 38.1776

■ 136.2140,
-38.0665, 29.6303

■ 121.0080,
-55.7129, 42.9660

■ 141.6740,
-32.3773, 24.8419

■ 118.9220,
-58.6285, 44.7954

■ 146.5470,
-26.3987, 20.5683

■ 152.0070,
-20.7095, 15.7799

■ 156.8800,
-14.7308, 11.5062

■ 162.3400, -9.0416,
6.7178

■ 167.2130, -3.0630,
2.4442

■ 172.6730, 2.6262,
-2.3442

■ 177.5460, 8.6048,
-6.6178

Harmonies

Analogous

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



133.3670, -33.2119, 59.3141



131.3410, -44.0451, 33.9039



127.5710, -39.7215, 0.3762

Triad

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



131.3410, -44.0451, 33.9039



111.1970, 27.5109, -97.5198



139.5660, 25.3570, 33.7066

Complementary

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



131.3410, -44.0451, 33.9039



80.6590, 44.0451, -33.9039

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.



135.2590, 40.7913, -16.8901



131.3410, -44.0451, 33.9039



113.1810, 45.2668, -99.2597

Square

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



131.3410, -44.0451, 33.9039



106.0670, 7.8550, -93.0208



110.0640, 56.1704, -96.5261



136.5410, 6.6353, 65.3005

Rectangle

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



131.3410, -44.0451, 33.9039



123.6800, -28.4362, -26.0294



110.0640, 56.1704, -96.5261



139.2590, 30.9313, 19.0669

Sweetspot

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



131.3410, -44.0451, 33.9039



206.7940, -17.6464, 13.3357



85.1740, -0.0858, 74.3924



102.5960, -10.6468, 8.2473



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.



131.3410, -44.0451, 33.9039



161.6320, -68.8386, 52.9427



149.1290, -52.8146, -0.1131



81.3270, -2.6262, 2.3442



103.5390, -51.0447, 38.9923



14.1980, -6.9996, 5.0884

Inverse Universe

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



80.6590, 44.0451, -33.9039



82.3680, 68.8386, -52.9427



62.8710, 52.8146, 0.1131



78.0860, 2.9156, -1.8294



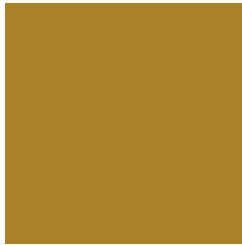
44.4610, 51.0447, -38.9923



6.3890, 6.7102, -5.6032

Previews

White Background



This preview shows how the YUV color 131.3410, -44.0451, 33.9039 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 131.3410, -44.0451, 33.9039 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 131.3410, -44.0451, 33.9039

Background



This preview shows how black text looks on a background with the YUV color 131.3410, -44.0451, 33.9039.



This preview shows how white text looks on a background with the YUV color 131.3410, -44.0451,

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

131.3410, -44.0451, 33.9039

Protanopia

130.2960, -42.5439, 19.0344

Deuteranopia

131.3410, -44.0451, 33.9039



Tritanopia

138.4710, -4.1762, 32.9129

Trichromacy



Original Color

131.3410, -44.0451, 33.9039

Protanomaly

130.5140, -43.1444, 24.9822

Deuteranomaly

131.3410, -44.0451, 33.9039

Tritanomaly

135.9860, -18.7271, 33.3383

Monochromacy



Original Color

131.3410, -44.0451, 33.9039

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.9510, -15.7518, 12.3210

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.3410, -44.0451, 33.9039 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, 129, 42)` looks like.

```
.text, #text, p{  
    color:rgb(170, 129, 42)  
}
```

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, 129, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 129, 42) }
```

Border

The CSS property to change the border of an element to YUV 131.3410, -44.0451, 33.9039 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, 129, 42) }
```


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

```
.border{ border-color:rgb(170, 129, 42) }
```

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

Here you see how a box with a 4 pixel rgb(170, 129, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 129, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 129, 42);  
box-shadow:4px 4px 4px 4px rgb(170, 129,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 131.3410, -44.0451, 33.9039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 129, 42) }
```

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

```
.background{ background-color: rgb(170,  
129, 42) }
```

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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