

Converting Colors

YUV(136.6840, -47.6652,
28.3411)

Have a look what the booklet for
YUV(136.6840, -47.6652, 28.3411)
contains.

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Color

**YUV(136.6840, -47.6652,
28.3411)**

Conversions

Conversions Part 1

Format	Color
Hex	A98B28
RGB	169, 139, 40
RGB Percent	66%, 55%, 16%
CMY	0.3373, 0.4549, 0.8431
CMYK	0.00, 0.18, 0.76, 0.34
HSL	46°, 62%, 41%
HSV	46°, 76%, 66%
XYZ	25.9778, 27.0535, 5.8601
YIQ	136.6840, 49.6590, -24.4290

Conversions

Conversions Part 2

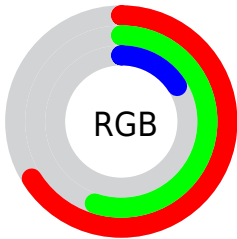
Format	Color
RYB	79, 169, 40
Decimal	11111208
CIELab	59.02, 1.10, 53.84
CIElCh	59, 53.851, 88.825
Yxy	27.0535, 0.4411, 0.4594
Android (android.graphics.Color)	4289301288 (0xFFA98B28)
YUV	136.6840, -47.6652, 28.3411
Hunter-Lab	52.0129, -1.8710, 29.7290

Details

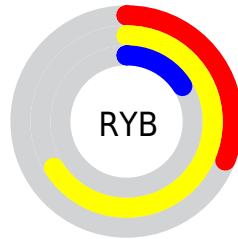
The YUV color **136.6840, -47.6652, 28.3411** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **72.3160, 47.6652, -28.3411**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.1790, -48.4022, 31.4150**, and **86.0300, -42.4128, 23.6527** is the 20% darker color. If you saturate the color by 10%, you get **132.3980, -53.9332, 32.1000**, and if you desaturate by 10%, it is **140.9700, -41.3972, 24.5823**.

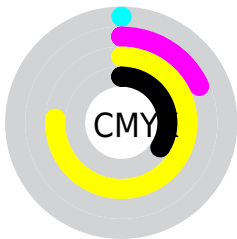
Distribution



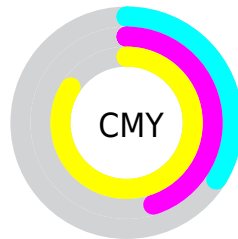
- Red (66%)
- Green (55%)
- Blue (16%)



- Red (31%)
- Yellow (66%)
- Blue (16%)



- Cyan (0%)
- Magenta (18%)
- Yellow (76%)
- Black (34%)



- Cyan (34%)
- Magenta (45%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.6840, -47.6652, 28.3411 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 136.6840, -47.6652, 28.3411 by changing the saturation by 10% instead.

■ 136.6840,
-47.6652, 28.3411

■ 136.6840,
-47.6652, 28.3411

■ 255.0000, 0.0000,
0.0000

■ 109.7610,
-51.1542, 27.3966

■ 191.1790,
-48.4022, 31.4150

■ 86.0300, -42.4128,
23.6527

■ 218.9510,
-49.2758, 31.6150

■ 64.4560, -31.7768,
18.8941

■ 238.4650,
-45.5852, 14.5012

■ 44.0560, -21.7196,
13.1059

■ 245.6520,
-35.8174, 8.1982

■ 24.5530, -12.1046,
9.1620

■ 248.8440,
-23.5871, 5.3988

■ 0.0000, 0.0000,
0.0000

■ 252.1500,

-10.9200, 2.4994

■ 136.6840,
-47.6652, 28.3411

■ 136.6840,
-47.6652, 28.3411

■ 132.3980,
-53.9332, 32.1000

■ 140.9700,
-41.3972, 24.5823

■ 128.1120,
-60.2012, 35.8588

■ 145.2560,
-35.1292, 20.8235

■ 126.8410,
-62.5326, 36.9734

■ 149.5420,
-28.8612, 17.0647

■ 153.8280,
-22.5932, 13.3058

■ 158.0000,
-16.7620, 9.6470

■ 162.2860,
-10.4940, 5.8882

■ 166.5720, -4.2260,
2.1294

■ 170.2710, 2.3314,
-1.1147

■ 174.5570, 8.5994,
-4.8735

Harmonies

Analogous

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



139.2760, -38.5901, 57.6399



136.6840, -47.6652, 28.3411



132.3310, -39.1102, -9.0603

Triad

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



136.6840, -47.6652, 28.3411



117.4720, 33.7843, -103.0229



146.2470, 22.5562, 45.3874

Complementary

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



136.6840, -47.6652, 28.3411



72.3160, 47.6652, -28.3411

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.



143.8200, 40.0217, -3.3501



136.6840, -47.6652, 28.3411



118.6410, 50.9560, -104.0482

Square

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



136.6840, -47.6652, 28.3411



112.7010, 12.9654, -98.8388



113.8940, 60.6913, -99.8850



142.0320, 1.9562, 72.7629

Rectangle

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



136.6840, -47.6652, 28.3411



126.9280, -24.6145, -38.5249



113.8940, 60.6913, -99.8850



146.4670, 28.8568, 31.1624

Sweetspot

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



136.6840, -47.6652, 28.3411



206.8430, -18.6566, 10.6617



81.9910, -5.9116, 76.3069



102.3570, -11.5150, 6.7029



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.



136.6840, -47.6652, 28.3411



168.4970, -74.1950, 44.2911



144.1280, -51.3351, -8.0053



81.9140, -2.9156, 1.8294



111.1700, -54.8068, 32.2999



15.3720, -7.5784, 4.0588

Inverse Universe

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



72.3160, 47.6652, -28.3411



67.9160, 74.4844, -43.7763



64.8720, 51.3351, 8.0053



78.0860, 2.9156, -1.8294



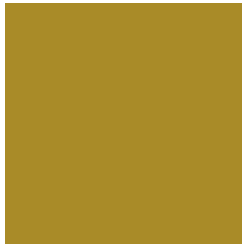
36.8300, 54.8068, -32.2999



5.2150, 7.2890, -4.5736

Previews

White Background



This preview shows how the YUV color 136.6840, -47.6652, 28.3411 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 136.6840, -47.6652, 28.3411 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 136.6840, -47.6652, 28.3411

Background



This preview shows how black text looks on a background with the YUV color 136.6840, -47.6652, 28.3411.



This preview shows how white text looks on a background with the YUV color 136.6840, -47.6652, 28.3411.

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

136.6840, -47.6652, 28.3411

Protanopia

136.4550, -47.0593, 20.6490

Deuteranopia

137.2550, -46.9607, 35.7334



Tritanopia

144.8940, -2.4127, 27.2800

Trichromacy



Original Color

136.6840, -47.6652, 28.3411

Protanomaly

136.7650, -47.2121, 23.0081

Deuteranomaly

136.8310, -47.2447, 33.4742

Tritanomaly

141.6540, -18.5634, 27.4904

Monochromacy



Original Color

136.6840, -47.6652, 28.3411

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.1850, -17.3462, 10.3618

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.6840, -47.6652, 28.3411 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(169, 139, 40)` looks like.

```
.text, #text, p{  
    color:rgb(169, 139, 40)  
}
```

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(169, 139, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 139, 40) }
```

Border

The CSS property to change the border of an element to YUV 136.6840, -47.6652, 28.3411 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(169, 139, 40) }
```


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

```
.border{ border-color:rgb(169, 139, 40) }
```

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

Here you see how a box with a 4 pixel rgb(169, 139, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 139, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 139, 40);  
box-shadow:4px 4px 4px 4px rgb(169, 139,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 136.6840, -47.6652, 28.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 139, 40) }
```

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

```
.background{ background-color: rgb(169,  
139, 40) }
```

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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