

Converting Colors

YUV(133.9650, -36.9577,
47.3887)

Have a look what the booklet for
YUV(133.9650, -36.9577, 47.3887)
contains.

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Color

**YUV(133.9650, -36.9577,
47.3887)**

Conversions

Conversions Part 1

Format	Color
Hex	BC793B
RGB	188, 121, 59
RGB Percent	74%, 47%, 23%
CMY	0.2627, 0.5255, 0.7686
CMYK	0.00, 0.36, 0.69, 0.26
HSL	29°, 52%, 48%
HSV	29°, 69%, 74%
XYZ	28.3658, 24.6819, 7.4067
YIQ	133.9650, 59.8340, -5.0780

Conversions

Conversions Part 2

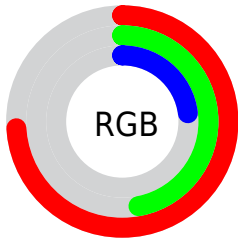
Format	Color
RYB	188, 178, 59
Decimal	12351803
CIELab	56.76, 20.50, 43.81
CIELCh	57, 48.370, 64.928
Yxy	24.6819, 0.4692, 0.4083
Android (android.graphics.Color)	4290541883 (0xFFBC793B)
YUV	133.9650, -36.9577, 47.3887
Hunter-Lab	49.6809, 14.9750, 25.9373

Details

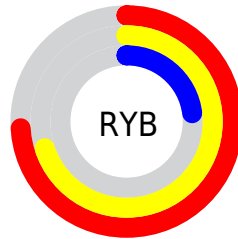
The YUV color **133.9650, -36.9577, 47.3887** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **113.0350, 36.9577, -47.3887**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.7160, -39.3000, 51.9921**, and **82.0460, -36.5047, 42.0557** is the 20% darker color. If you saturate the color by 10%, you get **125.9290, -42.3630, 54.4363**, and if you desaturate by 10%, it is **142.0010, -31.5525, 40.3411**.

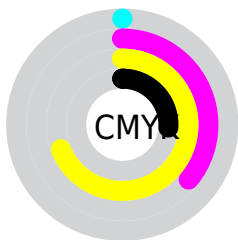
Distribution



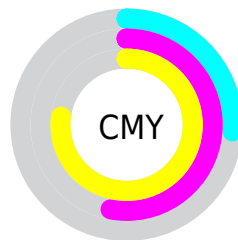
- Red (74%)
- Green (47%)
- Blue (23%)



- Red (74%)
- Yellow (70%)
- Blue (23%)



- Cyan (0%)
- Magenta (36%)
- Yellow (69%)
- Black (26%)



- Cyan (26%)
- Magenta (53%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.9650, -36.9577, 47.3887 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 133.9650, -36.9577, 47.3887 by changing the saturation by 10% instead.

■ 133.9650,
-36.9577, 47.3887

■ 133.9650,
-36.9577, 47.3887

■ 255.0000, 0.0000,
0.0000

■ 107.8830,
-35.9313, 44.8296

■ 188.7160,
-39.3000, 51.9921

■ 82.0460, -36.5047,
42.0557

■ 209.6220,
-36.7886, 39.7965

■ 59.2610, -29.2157,
37.4821

■ 229.1360,
-33.0980, 22.6827

■ 38.2740, -18.8691,
32.2087

■ 247.4760,
-28.8287, 6.5985

■ 17.8740, -8.8119,
26.4205

■ 250.6680,
-16.5983, 3.7992

■ 4.7840, -2.3585,
9.8364

■ 253.9740, -3.9312,

■ 0.0000, 0.0000,

0.8998

0.0000

■ 133.9650,
-36.9577, 47.3887

■ 133.9650,
-36.9577, 47.3887

■ 125.9290,
-42.3630, 54.4363

■ 142.0010,
-31.5525, 40.3411

■ 117.8930,
-47.7682, 61.4838

■ 150.0370,
-26.1472, 33.2936

■ 110.5580,
-53.0261, 67.9166

■ 157.3720,
-20.8894, 26.8608

■ 109.0420,
-53.7577, 69.2462

■ 165.4080,
-15.4841, 19.8132

■ 173.4440,
-10.0789, 12.7656

■ 181.4800, -4.6736,
5.7180

■ 188.9290, 1.0210,
-0.8147

■ 196.8510, 5.9895,
-7.7623

■ 204.8870, 11.3947,
-14.8099

Harmonies

Analogous

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



135.2720, -22.3191, 65.5365



133.9650, -36.9577, 47.3887



130.9370, -41.3809, 19.3493

Triad

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



133.9650, -36.9577, 47.3887



108.3470, 16.5909, -95.0203



139.3500, 32.8585, 7.5861

Complementary

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



133.9650, -36.9577, 47.3887



113.0350, 36.9577, -47.3887

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.



126.1190, 46.2833, -51.8474



133.9650, -36.9577, 47.3887



112.4340, 34.7890, -98.6046

Square

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



133.9650, -36.9577, 47.3887



115.1390, -7.9565, -61.5119



112.2180, 49.1925, -98.4152



139.6510, 16.4411, 46.7871

Rectangle

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



133.9650, -36.9577, 47.3887



128.1730, -36.0743, -2.7827



112.2180, 49.1925, -98.4152



137.0920, 37.4226, -9.7277

Sweetspot

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



133.9650, -36.9577, 47.3887



223.2230, -14.8999, 19.0984



105.4370, 11.1236, 72.4078



109.7750, -8.7631, 10.7213



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



133.9650, -36.9577, 47.3887



161.0380, -57.6997, 73.6347



170.9460, -55.1894, 14.9564



90.0390, -2.4842, 3.4738



91.8540, -45.2840, 58.0100



18.0740, -8.9105, 11.3361

Inverse Universe

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



113.0350, 36.9577, -47.3887



127.9620, 57.6997, -73.6347



76.0540, 55.1894, -14.9564



88.9610, 2.4842, -3.4738



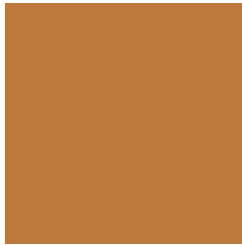
66.1460, 45.2840, -58.0100



12.9260, 8.9105, -11.3361

Previews

White Background



This preview shows how the YUV color 133.9650, -36.9577, 47.3887 looks on a white background.

Color Contrast Check

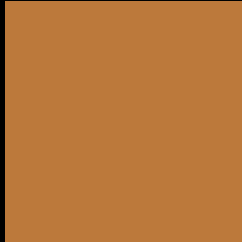
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.9650, -36.9577, 47.3887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

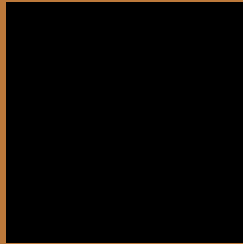
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.9650, -36.9577, 47.3887

Background



This preview shows how black text looks on a background with the YUV color 133.9650, -36.9577, 47.3887.



This preview shows how white text looks on a background with the YUV color 133.9650, -36.9577,

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

133.9650, -36.9577, 47.3887

Protanopia

132.8640, -33.9500, 15.9053

Deuteranopia

133.6380, -37.7825, 31.8895



Tritanopia

138.2340, -8.0034, 47.1528

Trichromacy



Original Color

133.9650, -36.9577, 47.3887

Protanomaly

133.0010, -35.0035, 27.1861

Deuteranomaly

134.0840, -37.5094, 37.6373

Tritanomaly

137.0740, -18.7705, 47.2931

Monochromacy



Original Color

133.9650, -36.9577, 47.3887

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.9670, -13.2947, 17.5689

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.9650, -36.9577, 47.3887 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(188, 121, 59)` looks like.

```
.text, #text, p{  
    color:rgb(188, 121, 59)  
}
```

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(188, 121, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 121, 59) }
```

Border

The CSS property to change the border of an element to YUV 133.9650, -36.9577, 47.3887 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(188, 121, 59) }
```


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

```
.border{ border-color:rgb(188, 121, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 121, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 121, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 121, 59);  
box-shadow:4px 4px 4px 4px rgb(188, 121,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 133.9650, -36.9577, 47.3887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 121, 59) }
```

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

```
.background{ background-color: rgb(188,  
121, 59) }
```

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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