

Converting Colors

YUV(89.9370, -17.7169,
36.0123)

Have a look what the booklet for
YUV(89.9370, -17.7169, 36.0123)
contains.

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Color

**YUV(89.9370, -17.7169,
36.0123)**

Conversions

Conversions Part 1

Format	Color
Hex	834C36
RGB	131, 76, 54
RGB Percent	51%, 30%, 21%
CMY	0.4863, 0.7020, 0.7882
CMYK	0.00, 0.42, 0.59, 0.49
HSL	17°, 42%, 36%
HSV	17°, 59%, 51%
XYZ	12.6104, 10.2605, 4.8059
YIQ	89.9370, 39.8420, 4.8180

Conversions

Conversions Part 2

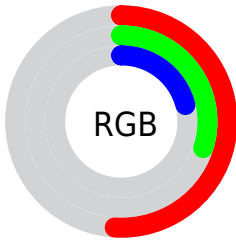
Format	Color
R_{YB}	131, 85, 54
Decimal	8604726
CIE Lab	38.31, 20.94, 22.95
CIE LCh	38, 31.066, 47.625
Yxy	10.2605, 0.4556, 0.3707
Android (android.graphics.Color)	4286794806 (0xFF834C36)
YUV	89.9370, -17.7169, 36.0123
Hunter-Lab	32.0320, 14.2158, 13.5270

Details

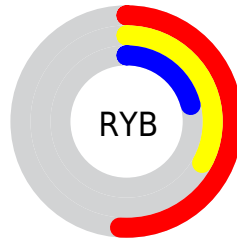
The YUV color $89.9370, -17.7169, 36.0123$ is a dark color, and the websafe version is hex 663333 . A complement of this color would be $95.0630, 17.7169, -36.0123$, and the grayscale version is $90.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $141.3890, -19.9118, 40.0008$, and $42.0720, -15.8115, 31.5089$ is the 20% darker color. If you saturate the color by 10%, you get $83.1720, -20.7908, 41.9452$, and if you desaturate by 10%, it is $96.7020, -14.6431, 30.0793$.

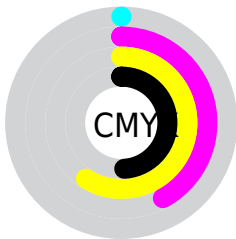
Distribution



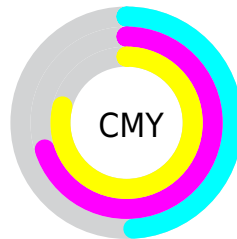
- Red (51%)
- Green (30%)
- Blue (21%)



- Red (51%)
- Yellow (33%)
- Blue (21%)



- Cyan (0%)
- Magenta (42%)
- Yellow (59%)
- Black (49%)



- Cyan (49%)
- Magenta (70%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.9370, -17.7169, 36.0123 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 89.9370, -17.7169, 36.0123 by changing the saturation by 10% instead.

■ 89.9370, -17.7169,
36.0123

■ 89.9370, -17.7169,
36.0123

■ 255.0000, 0.0000,
0.0000

■ 65.8550, -16.6905,
33.4532

■ 141.3890,
-19.9118, 40.0008

■ 42.0720, -15.8115,
31.5089

■ 168.1720,
-20.7908, 41.9452

■ 20.8310, -10.2697,
27.3352

■ 195.6560,
-21.5224, 43.2747

■ 8.1870, -3.5432,
16.4990

■ 217.5730,
-19.0165, 32.8235

■ 0.0000, 0.0000,
0.0000

■ 237.2010,
-14.8891, 15.6097

■ 252.7200, -8.7360,

1.9996

■ 89.9370, -17.7169,
36.0123

■ 89.9370, -17.7169,
36.0123

■ 83.1720, -20.7908,
41.9452

■ 96.7020, -14.6431,
30.0793

■ 75.8200, -23.5753,
48.3929

■ 104.0540,
-11.8586, 23.6316

■ 69.0550, -26.6491,
54.3258

■ 110.8190, -8.7848,
17.6987

■ 62.2900, -29.7230,
60.2587

■ 117.5840, -5.7109,
11.7658

■ 60.8880, -30.0178,
61.4882

■ 125.0500, -2.4896,
5.2182

■ 131.8150, 0.5842,
-0.7148

■ 139.1670, 3.3687,
-7.1625

■ 145.9320, 6.4425,
-13.0954

■ 152.6970, 9.5164,
-19.0283

Harmonies

Analogous

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



91.0160, -7.4029, 41.2050



89.9370, -17.7169, 36.0123



88.5410, -23.9307, 22.3275

Triad

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



89.9370, -17.7169, 36.0123



74.2620, 2.3358, -49.3418



89.8130, 23.7562, -12.9910

Complementary

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



89.9370, -17.7169, 36.0123



95.0630, 17.7169, -36.0123

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.



74.8890, 31.6067, -57.7847



89.9370, -17.7169, 36.0123



72.4310, 16.0565, -63.5220

Square

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



89.9370, -17.7169, 36.0123



82.9210, -13.7651, -18.3477



73.7650, 26.2449, -64.6919



93.1110, 15.2283, 15.6887

Rectangle

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



89.9370, -17.7169, 36.0123



87.4640, -23.8928, 10.1171



73.7650, 26.2449, -64.6919



87.3170, 25.9727, -23.9570

Sweetspot

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



89.9370, -17.7169, 36.0123



154.5520, -7.1741, 14.4249



83.2930, 12.6736, 41.8390



76.6160, -4.2477, 9.1068



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



89.9370, -17.7169, 36.0123



106.1370, -27.6755, 56.8849



112.2430, -28.7138, 16.4499



62.9680, -1.4632, 2.6591



60.5890, -29.8704, 60.8734



1.4840, -0.7316, 1.3295

Inverse Universe

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



95.0630, 17.7169, -36.0123



114.2760, 27.9649, -56.3701



72.7570, 28.7138, -16.4499



63.0320, 1.4632, -2.6591



69.4110, 29.8704, -60.8734



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 89.9370, -17.7169, 36.0123 looks on a white background.

Color Contrast Check

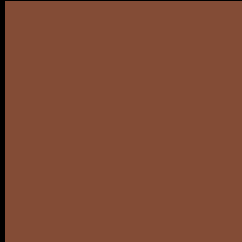
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 89.9370, -17.7169, 36.0123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

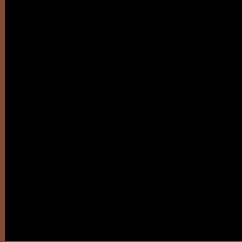
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.9370, -17.7169, 36.0123

Background



This preview shows how black text looks on a background with the YUV color 89.9370, -17.7169, 36.0123.



This preview shows how white text looks on a background with the YUV color 89.9370, -17.7169,

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

89.9370, -17.7169, 36.0123

Protanopia

89.5590, -14.5726, 7.4028

Deuteranopia

89.8870, -18.6783, 17.6391



Tritanopia

91.5100, -6.6604, 36.3867

Trichromacy



Original Color

89.9370, -17.7169, 36.0123

Protanomaly

89.9840, -15.7681, 17.5540

Deuteranomaly

90.0450, -18.2632, 24.5165

Tritanomaly

90.7720, -10.7336, 36.1570

Monochromacy



Original Color

89.9370, -17.7169, 36.0123

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0680, -6.4425, 13.0954

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.9370, -17.7169, 36.0123 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(131, 76, 54)` looks like.

```
.text, #text, p{  
    color:rgb(131, 76, 54)  
}
```

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(131, 76, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 76, 54) }
```

Border

The CSS property to change the border of an element to YUV 89.9370, -17.7169, 36.0123 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(131, 76, 54) }
```


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

```
.border{ border-color:rgb(131, 76, 54) }
```

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

Here you see how a box with a 4 pixel rgb(131, 76, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 76, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 76, 54);  
box-shadow:4px 4px 4px 4px rgb(131, 76,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 89.9370, -17.7169, 36.0123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 76, 54) }
```

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

```
.background{ background-color: rgb(131, 76,  
54) }
```

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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