

Converting Colors

YUV(133.5770, -28.3855,
51.2370)

Have a look what the booklet for
YUV(133.5770, -28.3855, 51.2370)
contains.

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Color

**YUV(133.5770, -28.3855,
51.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	C0734C
RGB	192, 115, 76
RGB Percent	75%, 45%, 30%
CMY	0.2471, 0.5490, 0.7020
CMYK	0.00, 0.40, 0.60, 0.25
HSL	20°, 48%, 53%
HSV	20°, 60%, 75%
XYZ	29.1735, 23.9897, 9.9303
YIQ	133.5770, 58.4110, 4.1950

Conversions

Conversions Part 2

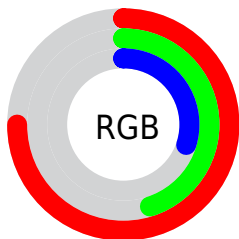
Format	Color
R_{YB}	192, 135, 76
Decimal	12612428
CIE _{Lab}	56.08, 26.60, 34.25
CIE _{LCh}	56, 43.362, 52.165
Yxy	23.9897, 0.4624, 0.3802
Android (android.graphics.Color)	4290802508 (0xFFC0734C)
YUV	133.5770, -28.3855, 51.2370
Hunter-Lab	48.9793, 20.6058, 22.2647

Details

The YUV color **133.5770, -28.3855, 51.2370** is a dark color, and the websafe version is hex **996633**. The color can be described as dark muted orange. A complement of this color would be **134.4230, 28.3855, -51.2370**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.3280, -30.7277, 55.8403**, and **82.2280, -25.7484, 45.4040** is the 20% darker color. If you saturate the color by 10%, you get **123.7800, -32.9225, 59.8289**, and if you desaturate by 10%, it is **143.3740, -23.8484, 42.6450**.

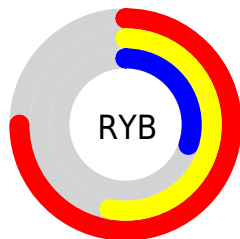
Distribution



Red (75%)

Green (45%)

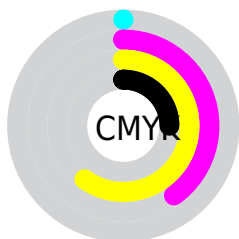
Blue (30%)



Red (75%)

Yellow (53%)

Blue (30%)

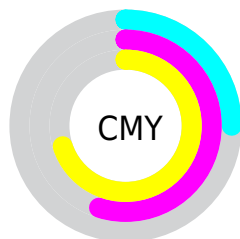


Cyan (0%)

Magenta (40%)

Yellow (60%)

Black (25%)



Cyan (25%)

Magenta (55%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.5770, -28.3855, 51.2370 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 133.5770, -28.3855, 51.2370 by changing the saturation by 10% instead.

■ 133.5770,
-28.3855, 51.2370

■ 133.5770,
-28.3855, 51.2370

■ 255.0000, 0.0000,
0.0000

■ 107.6090,
-26.9222, 48.5779

■ 188.3280,
-30.7277, 55.8403

■ 82.2280, -25.7484,
45.4040

■ 208.0380,
-27.6267, 41.1857

■ 57.1460, -24.7220,
42.8450

■ 227.5520,
-23.9361, 24.0719

■ 34.7740, -17.1436,
38.7862

■ 247.7670,
-20.0981, 6.3433

■ 15.5480, -7.6652,
31.9684

■ 252.7200, -8.7360,
1.9996

■ 6.2790, -3.0955,
12.9103

■ 0.0000, 0.0000,

0.0000

■ 133.5770,
-28.3855, 51.2370

■ 133.5770,
-28.3855, 51.2370

■ 123.7800,
-32.9225, 59.8289

■ 143.3740,
-23.8484, 42.6450

■ 114.5700,
-37.7490, 67.9061

■ 152.5840,
-19.0219, 34.5678

■ 104.6590,
-42.7229, 76.5981

■ 162.4950,
-14.0480, 25.8759

■ 95.5630, -47.1126,
84.5752

■ 172.2920, -9.5110,
17.2839

■ 182.0890, -4.9739,
8.6919

■ 191.2990, -0.1474,
0.6148

■ 201.0960, 4.3897,
-7.9772

■ 211.0070, 9.3635,
-16.6691

■ 220.8040, 13.9006,
-25.2611

Harmonies

Analogous

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



134.6550, -13.1409, 61.6926



133.5770, -28.3855, 51.2370



131.6700, -36.3193, 29.2304

Triad

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



133.5770, -28.3855, 51.2370



103.8330, 9.4493, -91.0615



134.5710, 34.2285, -11.9018

Complementary

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



133.5770, -28.3855, 51.2370



134.4230, 28.3855, -51.2370

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.



114.9650, 46.3593, -76.2683



133.5770, -28.3855, 51.2370



108.2790, 26.4845, -94.9607

Square

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



133.5770, -28.3855, 51.2370



122.3830, -17.9368, -33.6619



110.0520, 40.8934, -96.5156



138.6810, 20.8633, 28.3438

Rectangle

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



133.5770, -28.3855, 51.2370



129.4890, -35.2441, 10.9721



110.0520, 40.8934, -96.5156



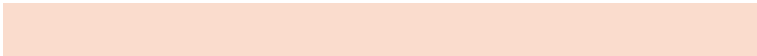
131.0850, 37.9191, -29.0155

Sweetspot

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



133.5770, -28.3855, 51.2370



227.2600, -10.9742, 19.9430



119.4620, 16.5342, 63.6158



111.2420, -7.0213, 12.0658



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



133.5770, -28.3855, 51.2370



158.1110, -44.9177, 80.5867



167.6230, -45.1701, 21.3786



91.7510, -2.3422, 4.6034



79.8370, -39.3596, 71.1800



16.3240, -8.0477, 14.6249

Inverse Universe

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



134.4230, 28.3855, -51.2370



159.4760, 44.6283, -81.1015



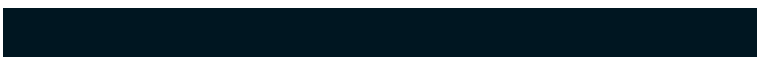
100.3770, 45.1701, -21.3786



92.2490, 2.3422, -4.6034



81.1630, 39.3596, -71.1800



16.6760, 8.0477, -14.6249

Previews

White Background



This preview shows how the YUV color 133.5770, -28.3855, 51.2370 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 133.5770, -28.3855, 51.2370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

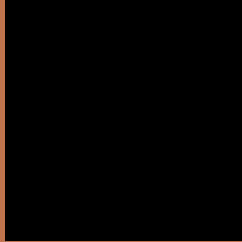
Any Text WCAG AA ✓ Pass

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 133.5770, -28.3855, 51.2370 Background



This preview shows how black text looks on a background with the YUV color 133.5770, -28.3855, 51.2370.



This preview shows how white text looks on a background with the YUV color 133.5770, -28.3855, 51.2370.

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

133.5770, -28.3855, 51.2370

Protanopia

132.6600, -24.4824, 12.5762

Deuteranopia

133.3800, -29.7673, 27.7307



Tritanopia

136.3270, -9.0352, 51.4562

Trichromacy



Original Color

133.5770, -28.3855, 51.2370

Protanomaly

132.9930, -26.1255, 26.3161

Deuteranomaly

133.5490, -29.3577, 36.3525

Tritanomaly

135.4920, -16.0186, 51.3115

Monochromacy



Original Color

133.5770, -28.3855, 51.2370

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.7760, -10.2426, 18.6134

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.5770, -28.3855, 51.2370 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(192, 115, 76)` looks like.

```
.text, #text, p{  
    color:rgb(192, 115, 76)  
}
```

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(192, 115, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 115, 76) }
```

Border

The CSS property to change the border of an element to YUV 133.5770, -28.3855, 51.2370 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(192, 115, 76) }
```


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

```
.border{ border-color:rgb(192, 115, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 115, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 115, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 115, 76);  
box-shadow:4px 4px 4px 4px rgb(192, 115,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 133.5770, -28.3855, 51.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 115, 76) }
```

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

```
.background{ background-color: rgb(192,  
115, 76) }
```

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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