

Converting Colors

YUV(128.0530, -33.5501,
74.4985)

Have a look what the booklet for
YUV(128.0530, -33.5501, 74.4985)
contains.

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Color

**YUV(128.0530, -33.5501,
74.4985)**

Conversions

Conversions Part 1

Format	Color
Hex	D5623C
RGB	213, 98, 60
RGB Percent	84%, 38%, 24%
CMY	0.1647, 0.6157, 0.7647
CMYK	0.00, 0.54, 0.72, 0.16
HSL	15°, 65%, 54%
HSV	15°, 72%, 84%
XYZ	32.6239, 23.2077, 7.0350
YIQ	128.0530, 80.7380, 12.5620

Conversions

Conversions Part 2

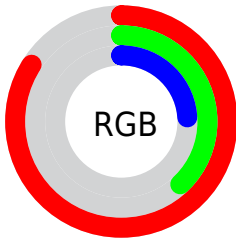
Format	Color
R_{YB}	213, 111, 60
Decimal	13984316
CIE _{Lab}	55.29, 42.82, 42.65
CIE _{LCh}	55, 60.435, 44.891
Yxy	23.2077, 0.5189, 0.3692
Android (android.graphics.Color)	4292174396 (0xFFD5623C)
YUV	128.0530, -33.5501, 74.4985
Hunter-Lab	48.1744, 36.5755, 25.0638

Details

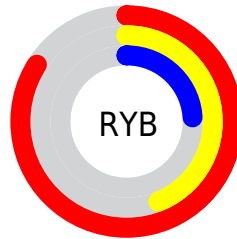
The YUV color **128.0530, -33.5501, 74.4985** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **144.9470, 33.5501, -74.4985**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.3080, -33.6758, 68.1359**, and **73.9320, -30.0395, 68.4656** is the 20% darker color. If you saturate the color by 10%, you get **116.2670, -38.0926, 84.8348**, and if you desaturate by 10%, it is **139.8390, -29.0076, 64.1622**.

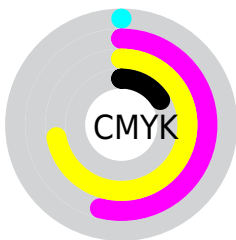
Distribution



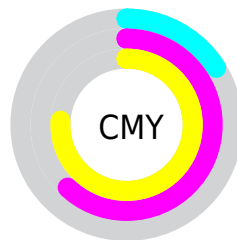
- Red (84%)
- Green (38%)
- Blue (24%)



- Red (84%)
- Yellow (44%)
- Blue (24%)



- Cyan (0%)
- Magenta (54%)
- Yellow (72%)
- Black (16%)



- Cyan (16%)
- Magenta (62%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.0530, -33.5501, 74.4985 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 128.0530, -33.5501, 74.4985 by changing the saturation by 10% instead.

128.0530,
-33.5501, 74.4985

128.0530,
-33.5501, 74.4985

255.0000, 0.0000,
0.0000

100.9000,
-31.5027, 71.1247

177.3080,
-33.6758, 68.1359

73.9320, -30.0395,
68.4656

196.7080,
-30.4220, 51.1221

45.8700, -22.6139,
66.7660

216.1080,
-27.1682, 34.1083

27.5080, -13.5614,
56.5595

236.3230,
-23.3302, 16.3797

19.1360, -9.4340,
39.3457

250.6680,
-16.5983, 3.7992

10.8780, -4.8699,
22.0320

253.8600, -4.3680,

0.0000, 0.0000,

0.9998

0.0000

■ 128.0530,
-33.5501, 74.4985

■ 128.0530,
-33.5501, 74.4985

■ 116.2670,
-38.0926, 84.8348

■ 139.8390,
-29.0076, 64.1622

■ 104.3670,
-43.0719, 95.2711

■ 151.7390,
-24.0283, 53.7259

■ 94.7980, -46.7354,
103.6632

■ 163.5250,
-19.4858, 43.3896

■ 175.3110,
-14.9433, 33.0533

■ 187.2110, -9.9640,
22.6170

■ 198.9970, -5.4215,
12.2806

■ 210.7830, -0.8790,
1.9443

■ 222.5690, 3.6635,
-8.3920

■ 234.4690, 8.6428,
-18.8283

Harmonies

Analogous

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



127.5470, -9.1437, 86.3433



128.0530, -33.5501, 74.4985



126.1980, -53.8346, 47.1844

Triad

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



128.0530, -33.5501, 74.4985



102.7270, 0.1346, -90.0916



124.2260, 54.1186, -44.9252

Complementary

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



128.0530, -33.5501, 74.4985



144.9470, 33.5501, -74.4985

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.



112.3780, 59.9596, -98.5555



128.0530, -33.5501, 74.4985



110.1710, 23.5797, -96.6200

Square

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



128.0530, -33.5501, 74.4985



114.9190, -31.0191, -37.6400



113.7680, 44.9774, -99.7745



136.0520, 34.9774, 28.0184

Rectangle

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



128.0530, -33.5501, 74.4985



122.9210, -60.6001, 23.7483



113.7680, 44.9774, -99.7745



106.8500, 64.1639, -93.7074

Sweetspot

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



128.0530, -33.5501, 74.4985



223.9620, -12.3063, 27.2203



119.0850, 28.5521, 82.3635



109.4490, -7.6164, 16.2692



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



128.0530, -33.5501, 74.4985



133.1790, -47.9092, 106.8370



171.4910, -54.9651, 36.4034



101.0500, -2.4896, 5.2182



75.7830, -37.3610, 83.5053



19.3140, -9.5218, 20.7726

Inverse Universe

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



144.9470, 33.5501, -74.4985



157.8210, 47.9092, -106.8370



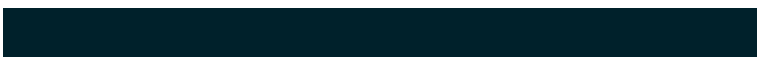
101.5090, 54.9651, -36.4034



101.9500, 2.4897, -5.2181



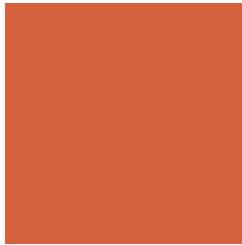
94.6300, 37.6504, -82.9905



24.2730, 9.2324, -21.2874

Previews

White Background



This preview shows how the YUV color 128.0530, -33.5501, 74.4985 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 128.0530, -33.5501, 74.4985 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 128.0530, -33.5501, 74.4985

Background



This preview shows how black text looks on a background with the YUV color 128.0530, -33.5501, 74.4985.



This preview shows how white text looks on a background with the YUV color 128.0530, -33.5501, 74.4985.

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

128.0530, -33.5501, 74.4985

Protanopia

129.8190, -28.9978, 14.1907

Deuteranopia

129.3390, -37.6351, 31.2747



Tritanopia

130.1620, -15.3629, 74.4029

Trichromacy



Original Color

128.0530, -33.5501, 74.4985

Protanomaly

128.9080, -30.5206, 36.0377

Deuteranomaly

128.8940, -35.9367, 46.5740

Tritanomaly

129.4410, -21.9094, 74.1582

Monochromacy



Original Color

128.0530, -33.5501, 74.4985

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.9620, -12.3063, 27.2203

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.0530, -33.5501, 74.4985 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(213, 98, 60)` looks like.

```
.text, #text, p{  
    color:rgb(213, 98, 60)  
}
```

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(213, 98, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 98, 60) }
```

Border

The CSS property to change the border of an element to YUV 128.0530, -33.5501, 74.4985 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(213, 98, 60) }
```


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

```
.border{ border-color:rgb(213, 98, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 98, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 98, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 98, 60);  
box-shadow:4px 4px 4px 4px rgb(213, 98,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 128.0530, -33.5501, 74.4985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 98, 60) }
```

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

```
.background{ background-color: rgb(213, 98,  
60) }
```

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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