

Converting Colors

YUV(142.4310, -33.7365,
40.8410)

Have a look what the booklet for
YUV(142.4310, -33.7365, 40.8410)
contains.

YUV(142.4310, -33.7365, 40.8410)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(142.4310, -33.7365,
40.8410)**

Conversions

Conversions Part 1

Format	Color
Hex	BD844A
RGB	189, 132, 74
RGB Percent	74%, 52%, 29%
CMY	0.2588, 0.4824, 0.7098
CMYK	0.00, 0.30, 0.61, 0.26
HSL	30°, 47%, 52%
HSV	30°, 61%, 74%
XYZ	30.4736, 27.8158, 10.2414
YIQ	142.4310, 52.5900, -5.9540

Conversions

Conversions Part 2

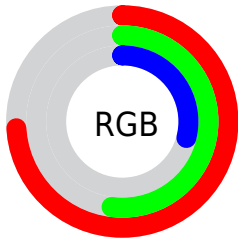
Format	Color
R_{YB}	187, 189, 74
Decimal	12420170
CIE Lab	59.72, 15.83, 39.60
CIE LCh	60, 42.645, 68.215
Yxy	27.8158, 0.4447, 0.4059
Android (android.graphics.Color)	4290610250 (0xFFBD844A)
YUV	142.4310, -33.7365, 40.8410
Hunter-Lab	52.7406, 10.8412, 25.4053

Details

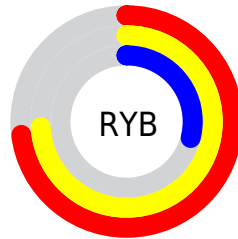
The YUV color **142.4310, -33.7365, 40.8410** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **120.5690, 33.7365, -40.8410**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.8830, -35.9313, 44.8296**, and **90.5660, -31.8310, 36.3376** is the 20% darker color. If you saturate the color by 10%, you get **134.9820, -39.4311, 47.3738**, and if you desaturate by 10%, it is **149.8800, -28.0418, 34.3082**.

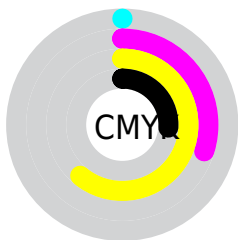
Distribution



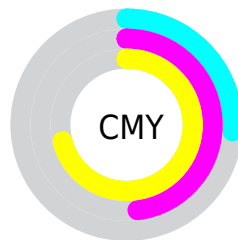
- Red (74%)
- Green (52%)
- Blue (29%)



- Red (73%)
- Yellow (74%)
- Blue (29%)



- Cyan (0%)
- Magenta (30%)
- Yellow (61%)
- Black (26%)



- Cyan (26%)
- Magenta (48%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.4310, -33.7365, 40.8410 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 142.4310, -33.7365, 40.8410 by changing the saturation by 10% instead.

■ 142.4310,
-33.7365, 40.8410

■ 142.4310,
-33.7365, 40.8410

■ 255.0000, 0.0000,
0.0000

■ 116.3490,
-32.7101, 38.2819

■ 196.8830,
-35.9313, 44.8296

■ 90.5660, -31.8310,
36.3376

■ 218.4900,
-33.2726, 32.0193

■ 65.8430, -31.9676,
33.4637

■ 238.0040,
-29.5820, 14.9055

■ 45.0410, -22.2052,
28.9050

■ 249.3000,
-21.8399, 4.9989

■ 25.2280, -12.4374,
22.6020

■ 252.6060, -9.1728,
2.0995

■ 8.4860, -3.6906,
17.1138

■ 0.0000, 0.0000,

0.0000

■ 142.4310,
-33.7365, 40.8410

■ 142.4310,
-33.7365, 40.8410

■ 134.9820,
-39.4311, 47.3738

■ 149.8800,
-28.0418, 34.3082

■ 126.9460,
-44.8364, 54.4214

■ 157.9160,
-22.6366, 27.2607

■ 119.4970,
-50.5310, 60.9541

■ 165.3650,
-16.9419, 20.7279

■ 112.2760,
-55.3521, 67.2869

■ 172.8140,
-11.2473, 14.1951

■ 180.8500, -5.8420,
7.1476

■ 188.1850, -0.5842,
0.7148

■ 196.2210, 4.8210,
-6.3328

■ 203.6700, 10.5157,
-12.8656

■ 211.1190, 16.2103,
-19.3984

Harmonies

Analogous

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



143.9290, -22.1500, 57.9443



142.4310, -33.7365, 40.8410



139.6960, -35.8391, 15.1756

Triad

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



142.4310, -33.7365, 40.8410



113.1230, 19.6594, -99.2089



147.5910, 27.3166, 11.7597

Complementary

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



142.4310, -33.7365, 40.8410



120.5690, 33.7365, -40.8410

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.



139.2800, 38.8090, -34.4486



142.4310, -33.7365, 40.8410



116.0530, 35.9629, -101.7785

Square

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



142.4310, -33.7365, 40.8410



126.7530, -5.7942, -55.0344



115.2670, 48.1824, -101.0892



147.6030, 12.5207, 44.1982

Rectangle

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



142.4310, -33.7365, 40.8410



136.9430, -30.5379, -5.2120



115.2670, 48.1824, -101.0892



145.9420, 31.5806, -2.5801

Sweetspot

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



142.4310, -33.7365, 40.8410



227.0700, -12.8525, 15.7246



114.9970, 8.3825, 64.9006



111.2910, -8.0315, 9.3918



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.



142.4310, -33.7365, 40.8410



172.3510, -52.4310, 63.7132



175.8900, -50.2318, 11.4975



90.6260, -2.7736, 2.9590



94.2020, -46.4416, 55.9508



18.0740, -8.9105, 11.3361

Inverse Universe

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



120.5690, 33.7365, -40.8410



138.6490, 52.4310, -63.7132



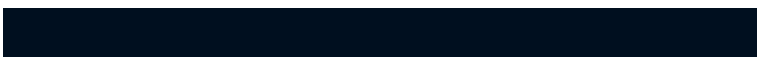
87.1100, 50.2318, -11.4975



88.9610, 2.4842, -3.4738



63.7980, 46.4416, -55.9508



12.3390, 9.1999, -10.8213

Previews

White Background



This preview shows how the YUV color 142.4310, -33.7365, 40.8410 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 142.4310, -33.7365, 40.8410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

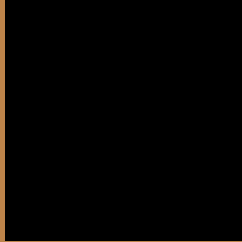
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.4310, -33.7365, 40.8410

Background



This preview shows how black text looks on a background with the YUV color 142.4310, -33.7365, 40.8410.



This preview shows how white text looks on a background with the YUV color 142.4310, -33.7365,

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

142.4310, -33.7365, 40.8410

Protanopia

140.9610, -31.0398, 15.8202

Deuteranopia

141.6640, -33.8514, 30.9897



Tritanopia

146.3580, -6.0925, 40.9050

Trichromacy



Original Color

142.4310, -33.7365, 40.8410

Protanomaly

141.7880, -31.9405, 24.7419

Deuteranomaly

141.6860, -33.8622, 34.4784

Tritanomaly

145.3120, -16.4228, 40.9454

Monochromacy



Original Color

142.4310, -33.7365, 40.8410

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

141.8850, -12.2683, 15.0099

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.4310, -33.7365, 40.8410 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(189, 132, 74)` looks like.

```
.text, #text, p{  
    color:rgb(189, 132, 74)  
}
```

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(189, 132, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 132, 74) }
```

Border

The CSS property to change the border of an element to YUV 142.4310, -33.7365, 40.8410 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(189, 132, 74) }
```


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

```
.border{ border-color:rgb(189, 132, 74) }
```

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

Here you see how a box with a 4 pixel rgb(189, 132, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 132, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 132, 74);  
box-shadow:4px 4px 4px 4px rgb(189, 132,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 142.4310, -33.7365, 40.8410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 132, 74) }
```

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

```
.background{ background-color: rgb(189,  
132, 74) }
```

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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