

Converting Colors

YUV(142.6750, -33.8568,
32.7340)

Have a look what the booklet for
YUV(142.6750, -33.8568, 32.7340)
contains.

YUV(142.6750, -33.8568, 32.7340)	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(142.6750, -33.8568,
32.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	B4894A
RGB	180, 137, 74
RGB Percent	71%, 54%, 29%
CMY	0.2941, 0.4627, 0.7098
CMYK	0.00, 0.24, 0.59, 0.29
HSL	36°, 42%, 50%
HSV	36°, 59%, 71%
XYZ	29.0041, 28.0890, 10.3716
YIQ	142.6750, 45.8510, -10.4770

Conversions

Conversions Part 2

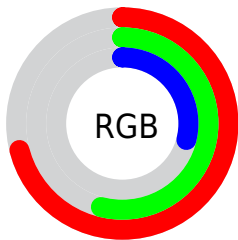
Format	Color
RYB	146, 180, 74
Decimal	11831626
CIELab	59.97, 9.17, 39.64
CIELCh	60, 40.688, 76.975
Yxy	28.0890, 0.4299, 0.4164
Android (android.graphics.Color)	4290021706 (0xFFB4894A)
YUV	142.6750, -33.8568, 32.7340
Hunter-Lab	52.9991, 4.9368, 25.4967

Details

The YUV color $142.6750, -33.8568, 32.7340$ is a dark color, and the websafe version is hex $CC9966$. A complement of this color would be $111.3250, 33.8568, -32.7340$, and the grayscale version is $143.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $196.8280, -35.9042, 36.1078$, and $91.1090, -32.0987, 28.8454$ is the 20% darker color. If you saturate the color by 10%, you get $136.5140, -39.6934, 38.1372$, and if you desaturate by 10%, it is $148.8360, -28.0201, 27.3308$.

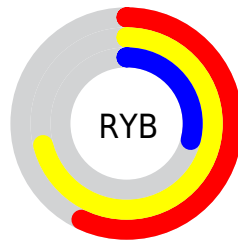
Distribution



Red (71%)

Green (54%)

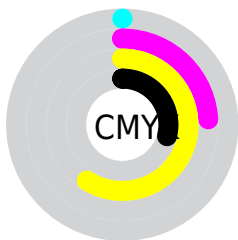
Blue (29%)



Red (57%)

Yellow (71%)

Blue (29%)

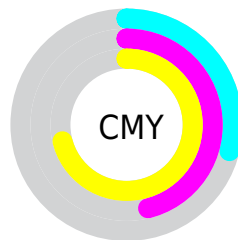


Cyan (0%)

Magenta (24%)

Yellow (59%)

Black (29%)



Cyan (29%)

Magenta (46%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.6750, -33.8568, 32.7340 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 142.6750, -33.8568, 32.7340 by changing the saturation by 10% instead.

■ 142.6750,
-33.8568, 32.7340

■ 142.6750,
-33.8568, 32.7340

■ 255.0000, 0.0000,
0.0000

■ 116.8920,
-32.9778, 30.7897

■ 196.8280,
-35.9042, 36.1078

■ 91.1090, -32.0987,
28.8454

■ 221.4250,
-34.7195, 29.4453

■ 66.5710, -32.8195,
26.6862

■ 240.9390,
-31.0289, 12.3315

■ 45.8830, -22.6203,
22.0276

■ 249.4140,
-21.4031, 4.8989

■ 26.3690, -12.9999,
16.3394

■ 252.6060, -9.1728,
2.0995

■ 5.9800, -2.9481,
12.2955

■ 0.0000, 0.0000,

0.0000

■ 142.6750,
-33.8568, 32.7340

■ 142.6750,
-33.8568, 32.7340

■ 136.5140,
-39.6934, 38.1372

■ 148.8360,
-28.0201, 27.3308

■ 129.7660,
-45.2406, 44.0552

■ 155.5840,
-22.4729, 21.4128

■ 123.6050,
-51.0773, 49.4584

■ 161.7450,
-16.6363, 16.0096

■ 117.4440,
-56.9139, 54.8616

■ 167.9060,
-10.7997, 10.6064

■ 116.6290,
-57.4981, 55.5764

■ 174.6540, -5.2524,
4.6884

■ 180.8150, 0.5842,
-0.7148

■ 186.9760, 6.4208,
-6.1180

■ 193.1370, 12.2575,
-11.5211

■ 199.8850, 17.8047,
-17.4391

Harmonies

Analogous

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



144.5000, -24.8965, 52.1815



142.6750, -33.8568, 32.7340



139.8520, -32.4650, 6.2688

Triad

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



142.6750, -33.8568, 32.7340



114.3770, 24.4641, -100.3086



148.3920, 22.4847, 21.5812

Complementary

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



142.6750, -33.8568, 32.7340



111.3250, 33.8568, -32.7340

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.



143.8260, 34.1028, -18.2644



142.6750, -33.8568, 32.7340



116.2640, 39.3098, -101.9635

Square

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



142.6750, -33.8568, 32.7340



124.8210, 1.0742, -64.7410



127.3630, 42.7120, -73.1094



147.8440, 6.9789, 48.3718

Rectangle

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



142.6750, -33.8568, 32.7340



136.5550, -25.4166, -14.5187



127.3630, 42.7120, -73.1094



148.0530, 26.5959, 9.6005

Sweetspot

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



142.6750, -33.8568, 32.7340



219.5320, -13.5733, 13.5654



110.7100, 3.5940, 60.7673



108.1660, -8.4628, 7.7474



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



142.6750, -33.8568, 32.7340



176.0460, -53.2667, 51.7027



165.2250, -44.9739, 5.0647



86.2130, -3.0630, 2.4442



99.1640, -48.8879, 47.2142



16.5790, -8.1734, 8.2622

Inverse Universe

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



111.3250, 33.8568, -32.7340



126.9540, 53.2667, -51.7027



88.7750, 44.9739, -5.0647



83.3740, 2.7736, -2.9590



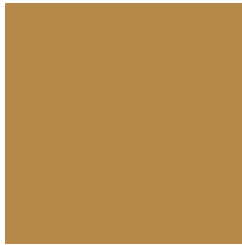
53.8360, 48.8879, -47.2142



8.8340, 8.4628, -7.7474

Previews

White Background



This preview shows how the YUV color 142.6750, -33.8568, 32.7340 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 142.6750, -33.8568, 32.7340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

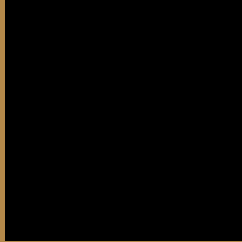
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.6750, -33.8568, 32.7340

Background



This preview shows how black text looks on a background with the YUV color 142.6750, -33.8568, 32.7340.



This preview shows how white text looks on a background with the YUV color 142.6750, -33.8568, 32.7340.

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

142.6750, -33.8568, 32.7340

Protanopia

141.7330, -31.9134, 16.0202

Deuteranopia

142.6640, -33.8514, 30.9897



Tritanopia

147.4710, -4.1762, 32.9129

Trichromacy



Original Color

142.6750, -33.8568, 32.7340

Protanomaly

141.9510, -32.5138, 21.9680

Deuteranomaly

142.9630, -33.9988, 31.6044

Tritanomaly

145.8980, -15.2327, 32.5385

Monochromacy



Original Color

142.6750, -33.8568, 32.7340

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.8630, -12.2575, 11.5211

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.6750, -33.8568, 32.7340 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(180, 137, 74)` looks like.

```
.text, #text, p{  
    color:rgb(180, 137, 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(180, 137, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 137, 74) }
```

Border

The CSS property to change the border of an element to YUV 142.6750, -33.8568, 32.7340 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(180, 137, 74) }
```


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

```
.border{ border-color:rgb(180, 137, 74) }
```

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

Here you see how a box with a 4 pixel rgb(180, 137, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 137, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 137, 74);  
box-shadow:4px 4px 4px 4px rgb(180, 137,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 142.6750, -33.8568, 32.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 137, 74) }
```

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

```
.background{ background-color: rgb(180,  
137, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor