

Converting Colors

YUV(132.5100, -30.3244,
19.7237)

Have a look what the booklet for
YUV(132.5100, -30.3244, 19.7237)
contains.

YUV(132.5100, -30.3244, 19.7237)	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(132.5100, -30.3244,
19.7237)**

Conversions

Conversions Part 1

Format	Color
Hex	9B8547
RGB	155, 133, 71
RGB Percent	61%, 52%, 28%
CMY	0.3922, 0.4784, 0.7216
CMYK	0.00, 0.14, 0.54, 0.39
HSL	44°, 37%, 44%
HSV	44°, 54%, 61%
XYZ	23.0424, 24.1986, 9.4176
YIQ	132.5100, 33.0140, -14.6180

Conversions

Conversions Part 2

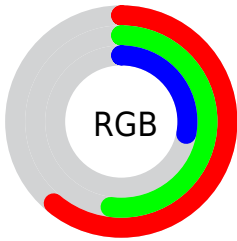
Format	Color
RYB	101, 155, 71
Decimal	10192199
CIELab	56.29, 0.19, 36.18
CIELCh	56, 36.183, 89.697
Yxy	24.1986, 0.4067, 0.4271
Android (android.graphics.Color)	4288382279 (0xFF9B8547)
YUV	132.5100, -30.3244, 19.7237
Hunter-Lab	49.1920, -2.4734, 23.0837

Details

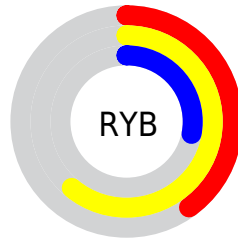
The YUV color **132.5100, -30.3244, 19.7237** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **93.4900, 30.3244, -19.7237**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.0650, -32.0770, 21.8680**, and **82.1290, -29.1506, 16.5499** is the 20% darker color. If you saturate the color by 10%, you get **128.4520, -35.7188, 23.2826**, and if you desaturate by 10%, it is **136.6820, -24.4932, 16.0649**.

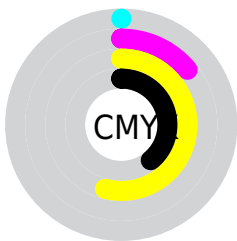
Distribution



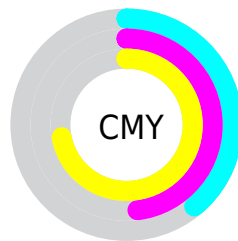
- Red (61%)
- Green (52%)
- Blue (28%)



- Red (40%)
- Yellow (61%)
- Blue (28%)



- Cyan (0%)
- Magenta (14%)
- Yellow (54%)
- Black (39%)



- Cyan (39%)
- Magenta (48%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.5100, -30.3244, 19.7237 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 132.5100, -30.3244, 19.7237 by changing the saturation by 10% instead.

■ 132.5100,
-30.3244, 19.7237

■ 132.5100,
-30.3244, 19.7237

■ 255.0000, 0.0000,
0.0000

■ 107.0260,
-29.5928, 18.3942

■ 186.0650,
-32.0770, 21.8680

■ 82.1290, -29.1506,
16.5499

■ 214.1360,
-33.0980, 22.6827

■ 58.5310, -28.8558,
15.3203

■ 238.1350,
-31.6186, 14.7906

■ 38.1420, -18.8040,
11.2765

■ 248.9580,
-23.1503, 5.2988

■ 19.2260, -9.4784,
6.8178

■ 252.1500,
-10.9200, 2.4994

■ 0.0000, 0.0000,
0.0000

■ 132.5100,
-30.3244, 19.7237

■ 132.5100,
-30.3244, 19.7237

■ 128.4520,
-35.7188, 23.2826

■ 136.6820,
-24.4932, 16.0649

■ 124.2800,
-41.5500, 26.9414

■ 140.7400,
-19.0988, 12.5060

■ 120.2220,
-46.9444, 30.5003

■ 144.9120,
-13.2676, 8.8472

■ 116.0500,
-52.7756, 34.1592

■ 148.9700, -7.8732,
5.2883

■ 113.2630,
-55.8387, 36.6033

■ 153.1420, -2.0420,
1.6295

■ 157.2000, 3.3524,
-1.9294

■ 161.3720, 9.1836,
-5.5882

■ 165.4300, 14.5780,

-9.1471

■ 170.1890, 20.1198,
-13.3208

Harmonies

Analogous

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



134.6680, -26.4583, 39.7562



132.5100, -30.3244, 19.7237



129.1370, -24.7175, -5.3821

Triad

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



132.5100, -30.3244, 19.7237



107.4470, 28.3736, -94.2310



139.1560, 13.7271, 30.5582

Complementary

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



132.5100, -30.3244, 19.7237



93.4900, 30.3244, -19.7237

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.



137.1720, 26.0442, -0.1508



132.5100, -30.3244, 19.7237



107.2480, 40.3037, -94.0565

Square

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



132.5100, -30.3244, 19.7237



112.2850, 10.7055, -73.9179



128.9930, 34.0205, -38.5819



137.8950, -0.4412, 48.3271

Rectangle

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



132.5100, -30.3244, 19.7237



126.1930, -16.3641, -24.7253



128.9930, 34.0205, -38.5819



138.9530, 18.2642, 21.9662

Sweetspot

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



132.5100, -30.3244, 19.7237



192.6560, -11.6624, 7.3177



98.6240, -2.7726, 49.4418



96.8990, -6.8522, 4.4736



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



132.5100, -30.3244, 19.7237



166.2220, -46.9444, 30.5003



139.4440, -33.7429, -3.8974



74.3270, -2.6262, 2.3442



102.9080, -50.7336, 32.5297



9.1700, -4.5208, 3.3589

Inverse Universe

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



93.4900, 30.3244, -19.7237



105.7780, 46.9444, -30.5003



86.5560, 33.7429, 3.8974



71.0860, 2.9156, -1.8294



37.6790, 50.4443, -33.0445



3.2430, 4.8102, -2.8441

Previews

White Background



This preview shows how the YUV color 132.5100, -30.3244, 19.7237 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 132.5100, -30.3244, 19.7237 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 132.5100, -30.3244, 19.7237

Background



This preview shows how black text looks on a background with the YUV color 132.5100, -30.3244, 19.7237.



This preview shows how white text looks on a background with the YUV color 132.5100, -30.3244, 19.7237.

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

132.5100, -30.3244, 19.7237

Protanopia

132.0040, -29.5820, 14.9055

Deuteranopia

133.2660, -30.2041, 27.8307



Tritanopia

137.4910, -1.2281, 20.6174

Trichromacy



Original Color

132.5100, -30.3244, 19.7237

Protanomaly

132.0150, -29.5874, 16.6498

Deuteranomaly

132.6570, -29.9039, 24.8568

Tritanomaly

136.0320, -11.8478, 20.1429

Monochromacy



Original Color

132.5100, -30.3244, 19.7237

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.7700, -11.2256, 7.2177

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.5100, -30.3244, 19.7237 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(155, 133, 71)` looks like.

```
.text, #text, p{  
    color:rgb(155, 133, 71)  
}
```

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(155, 133, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 133, 71) }
```

Border

The CSS property to change the border of an element to YUV 132.5100, -30.3244, 19.7237 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(155, 133, 71) }
```


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

```
.border{ border-color:rgb(155, 133, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 133, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 133, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 133, 71);  
box-shadow:4px 4px 4px 4px rgb(155, 133,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 132.5100, -30.3244, 19.7237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 133, 71) }
```

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

```
.background{ background-color: rgb(155,  
133, 71) }
```

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