

Converting Colors

YUV(133.3550, -9.0490,
-84.5033)

Have a look what the booklet for
YUV(133.3550, -9.0490, -84.5033)
contains.

YUV(133.3550, -9.0490, -84.5033)	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(133.3550, -9.0490,
-84.5033)**

Conversions

Conversions Part 1

Format	Color
Hex	25BA73
RGB	37, 186, 115
RGB Percent	15%, 73%, 45%
CMY	0.8549, 0.2706, 0.5490
CMYK	0.80, 0.00, 0.38, 0.27
HSL	151°, 67%, 44%
HSV	151°, 80%, 73%
XYZ	21.4164, 36.7489, 22.1842
YIQ	133.3550, -66.0130, -53.6690

Conversions

Conversions Part 2

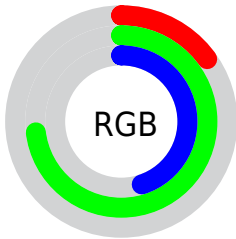
Format	Color
RYB	37, 135, 186
Decimal	2472563
CIELab	67.09, -53.88, 25.57
CIElCh	67, 59.642, 154.614
Yxy	36.7489, 0.2665, 0.4574
Android (android.graphics.Color)	4280662643 (0xFF25BA73)
YUV	133.3550, -9.0490, -84.5033
Hunter-Lab	60.6209, -43.0255, 20.7375

Details

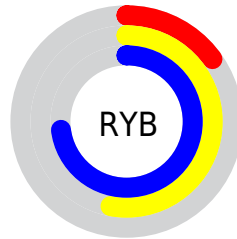
The YUV color **133.3550, -9.0490, -84.5033** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **89.6450, 9.0490, 84.5033**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.9710, -13.2967, -75.3966**, and **84.4210, -9.0816, -74.0372** is the 20% darker color. If you saturate the color by 10%, you get **126.6480, -10.1795, -95.2843**, and if you desaturate by 10%, it is **140.0620, -7.9186, -73.7224**.

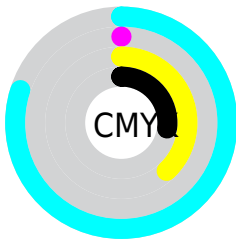
Distribution



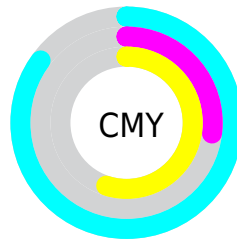
- Red (15%)
- Green (73%)
- Blue (45%)



- Red (15%)
- Yellow (53%)
- Blue (73%)



- Cyan (80%)
- Magenta (0%)
- Yellow (38%)
- Black (27%)



- Cyan (85%)
- Magenta (27%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.3550, -9.0490, -84.5033 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 133.3550, -9.0490, -84.5033 by changing the saturation by 10% instead.


 133.3550, -9.0490,
-84.5033


 133.3550, -9.0490,
-84.5033


255.0000, 0.0000,
0.0000

 103.0060, -6.4120,
-90.3363


 193.9710,
-13.2967, -75.3966

 84.4210, -9.0816,
-74.0372


 213.1770, -8.9613,
-65.9302

 66.5370, -11.6037,
-58.3529


 225.3390, -1.1531,
-50.2863

 49.2400, -14.4153,
-43.1835

 237.6150, 7.0918,
-34.7424

 32.8720, -16.2059,
-28.8287

 246.9270, 3.9800,
-16.5990

 18.7840, -9.2605,
-16.4736

 0.0000, 0.0000,

0.0000

■ 133.3550, -9.0490,
-84.5033

■ 133.3550, -9.0490,
-84.5033

■ 126.6480,
-10.1795, -95.2843

■ 140.0620, -7.9186,
-73.7224

■ 120.2400,
-11.4573, -105.4505

■ 146.4700, -6.6407,
-63.5562

■ 153.1770, -5.5103,
-52.7752

■ 159.4710, -4.6692,
-42.5091

■ 166.1780, -3.5388,
-31.7281

■ 172.8850, -2.4083,
-20.9471

■ 179.2930, -1.1304,
-10.7810

■ 186.0000, 0.0000,
0.0000

■ 192.4080, 1.2779,
10.1662

Harmonies

Analogous

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



150.9230, -40.3880, -19.2265



133.3550, -9.0490, -84.5033



130.3230, 19.5608, -114.2933

Triad

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



133.3550, -9.0490, -84.5033



145.6370, 53.9160, -73.3496



160.4160, -27.3201, 82.9502

Complementary

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



133.3550, -9.0490, -84.5033



89.6450, 9.0490, 84.5033

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.



161.0610, -2.0021, 82.3845



133.3550, -9.0490, -84.5033



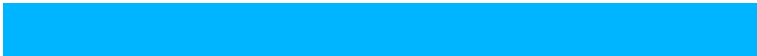
167.0540, 41.8784, 7.8456

Square

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



133.3550, -9.0490, -84.5033



135.3170, 59.0037, -118.6730



166.9930, 21.2025, 59.6421



159.9960, -47.3260, 59.6395

Rectangle

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



133.3550, -9.0490, -84.5033



134.4270, 35.2855, -117.8925



166.9930, 21.2025, 59.6421



159.4190, -18.4476, 83.8245

Sweetspot

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



133.3550, -9.0490, -84.5033



221.5800, -3.2439, -32.9577



145.9910, -53.7326, -32.4411



109.5970, -2.2663, -19.8176



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.



133.3550, -9.0490, -84.5033



159.9780, -14.2862, -131.5307



140.2750, 22.5424, -90.5722



88.7390, -0.8573, -5.0331



100.8060, -9.7644, -88.4069



18.1460, -1.5510, -15.9140

Inverse Universe

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



89.6450, 9.0490, 84.5033



92.0220, 14.2862, 131.5307



82.7250, -22.5424, 90.5722



86.1470, 0.4205, 5.1331



55.0800, 9.3276, 88.5068



9.8540, 1.5510, 15.9140

Previews

White Background



This preview shows how the YUV color 133.3550, -9.0490, -84.5033 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 133.3550, -9.0490, -84.5033 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 ✓ Pass

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

YUV 133.3550, -9.0490, -84.5033

Background



This preview shows how black text looks on a background with the YUV color 133.3550, -9.0490, -84.5033.



This preview shows how white text looks on a background with the YUV color 133.3550, -9.0490, -84.5033.

-84.5033.

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

133.3550, -9.0490, -84.5033

Protanopia

159.6880, -26.9612, 14.3056

Deuteranopia

162.0020, -19.7210, 25.4312



Tritanopia

147.7990, 21.2981, -64.7217

Trichromacy



Original Color

133.3550, -9.0490, -84.5033



Protanomaly

150.1780, -20.3008, -22.0811



Deuteranomaly

151.3730, -15.9599, -14.3591



Tritanomaly

142.4810, 10.1159, -71.4588

Monochromacy



Original Color

133.3550, -9.0490, -84.5033



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

132.8900, -3.3968, -30.5985

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.3550, -9.0490, -84.5033 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(37, 186, 115)` looks like.

```
.text, #text, p{  
    color:rgb(37, 186, 115)  
}
```

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(37, 186, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 186, 115) }
```

Border

The CSS property to change the border of an element to YUV 133.3550, -9.0490, -84.5033 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(37, 186, 115) }
```


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

```
.border{ border-color:rgb(37, 186, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 186, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 186, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 186, 115);  
box-shadow:4px 4px 4px 4px rgb(37, 186,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 133.3550, -9.0490, -84.5033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 186, 115) }
```

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

```
.background{ background-color: rgb(37, 186,  
115) }
```

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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