

Converting Colors

YUV(132.2470, -32.1668,
-89.6706)

Have a look what the booklet for
YUV(132.2470, -32.1668, -89.6706)
contains.

YUV(132.2470, -32.1668, -89.6706)	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(132.2470, -32.1668,
-89.6706)**

Conversions

Conversions Part 1

Format	Color
Hex	1EC543
RGB	30, 197, 67
RGB Percent	12%, 77%, 26%
CMY	0.8824, 0.2275, 0.7373
CMYK	0.85, 0.00, 0.66, 0.23
HSL	133°, 74%, 45%
HSV	133°, 85%, 77%
XYZ	21.5148, 40.6138, 12.0155
YIQ	132.2470, -57.8020, -75.8340

Conversions

Conversions Part 2

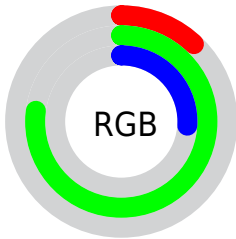
Format	Color
RYB	30, 167, 197
Decimal	2016579
CIELab	69.90, -65.56, 52.18
CIELCh	70, 83.788, 141.482
Yxy	40.6138, 0.2902, 0.5478
Android (android.graphics.Color)	4280206659 (0xFF1EC543)
YUV	132.2470, -32.1668, -89.6706
Hunter-Lab	63.7289, -51.2643, 33.4317

Details

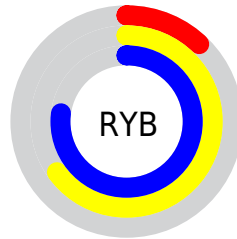
The YUV color **132.2470, -32.1668, -89.6706** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **94.7530, 32.1668, 89.6706**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.9560, -37.4463, -76.2604**, and **83.4680, -40.6567, -73.2014** is the 20% darker color. If you saturate the color by 10%, you get **124.5570, -35.7706, -100.4665**, and if you desaturate by 10%, it is **139.9370, -28.5629, -78.8747**.

Distribution



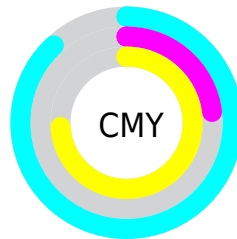
- Red (12%)
- Green (77%)
- Blue (26%)



- Red (12%)
- Yellow (65%)
- Blue (77%)



- Cyan (85%)
- Magenta (0%)
- Yellow (66%)
- Black (23%)



- Cyan (88%)
- Magenta (23%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.2470, -32.1668, -89.6706 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 132.2470, -32.1668, -89.6706 by changing the saturation by 10% instead.

■ 132.2470,
-32.1668, -89.6706

■ 132.2470,
-32.1668, -89.6706

■ 255.0000, 0.0000,
0.0000

■ 103.6490,
-31.8720, -90.9002

■ 195.9560,
-37.4463, -76.2604

■ 83.4680, -40.6567,
-73.2014

■ 208.4170,
-29.7856, -60.0017

■ 67.5050, -33.2800,
-59.2019

■ 220.7640,
-22.5617, -43.6430

■ 52.2430, -25.7558,
-45.8171

■ 233.3390,
-14.4641, -27.4843

■ 37.5680, -18.5210,
-32.9471

■ 245.5010, -6.6560,
-11.8404

■ 23.4800, -11.5756,
-20.5920

■ 0.0000, 0.0000,

0.0000

■ 132.2470,
-32.1668, -89.6706

■ 132.2470,
-32.1668, -89.6706

■ 124.5570,
-35.7706, -100.4665

■ 139.9370,
-28.5629, -78.8747

■ 120.6550,
-37.7909, -105.8144

■ 147.4420,
-24.3749, -68.7936

■ 155.1320,
-20.7711, -57.9978

■ 162.8220,
-17.1672, -47.2019

■ 170.6260,
-13.1266, -36.5060

■ 178.0170, -9.3754,
-26.3249

■ 185.7070, -5.7716,
-15.5290

■ 193.5110, -1.7309,
-4.8331

■ 200.9020, 2.0203,
5.3479

Harmonies

Analogous

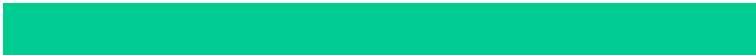
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



153.1680, -75.5118, -0.1473



132.2470, -32.1668, -89.6706



136.3920, 4.7367, -119.6158

Triad

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



132.2470, -32.1668, -89.6706



138.2520, 57.5568, -121.2470



143.9290, -11.7970, 97.4093

Complementary

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



132.2470, -32.1668, -89.6706



94.7530, 32.1668, 89.6706

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.



150.8320, 22.2678, 91.3553



132.2470, -32.1668, -89.6706



158.2720, 47.6869, -35.3185

Square

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



132.2470, -32.1668, -89.6706



146.4700, 53.5053, -128.4542



173.0310, 40.4107, 58.7318



155.6790, -53.0857, 87.1045

Rectangle

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



132.2470, -32.1668, -89.6706



143.0210, 27.5976, -125.4294



173.0310, 40.4107, 58.7318



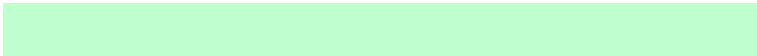
143.2570, 0.8593, 97.9986

Sweetspot

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



132.2470, -32.1668, -89.6706



230.1640, -12.4059, -34.3468



167.1980, -67.6386, -5.4356



112.9190, -7.3551, -20.9770



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.



132.2470, -32.1668, -89.6706



156.0690, -49.3340, -136.8725



141.7090, 4.0875, -97.9688



95.5110, -1.7309, -4.8331



99.7850, -31.4460, -87.5114



22.0440, -6.9237, -19.3326

Inverse Universe

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



94.7530, 32.1668, 89.6706



98.9310, 49.3340, 136.8725



85.2910, -4.0875, 97.9688



93.4890, 1.7309, 4.8331



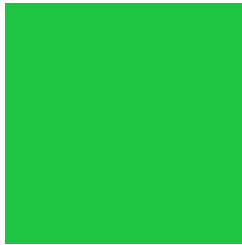
63.2150, 31.4460, 87.5114



13.9560, 6.9237, 19.3326

Previews

White Background



This preview shows how the YUV color 132.2470, -32.1668, -89.6706 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 132.2470, -32.1668, -89.6706 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 132.2470, -32.1668, -89.6706 Background



This preview shows how black text looks on a background with the YUV color 132.2470, -32.1668, -89.6706.



This preview shows how white text looks on a background with the YUV color 132.2470, -32.1668, -89.6706.

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

132.2470, -32.1668, -89.6706

Protanopia

163.0270, -51.2853, 22.7783

Deuteranopia

166.0040, -42.8930, 37.7075



Tritanopia

155.8100, 21.2927, -62.9774

Trichromacy



Original Color

132.2470, -32.1668, -89.6706



Protanomaly

151.8970, -44.3192, -18.3267



Deuteranomaly

153.7440, -38.8208, -8.5455



Tritanomaly

147.2930, 1.8276, -73.0480

Monochromacy



Original Color

132.2470, -32.1668, -89.6706



Achromatopsia

132.0000, 0.0000, 0.0000



Achromatomaly

132.2890, -11.9745, -32.7025

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.2470, -32.1668, -89.6706 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(30, 197, 67)` looks like.

```
.text, #text, p{  
    color:rgb(30, 197, 67)  
}
```

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(30, 197, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 197, 67) }
```

Border

The CSS property to change the border of an element to YUV 132.2470, -32.1668, -89.6706 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(30, 197, 67) }
```


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

```
.border{ border-color:rgb(30, 197, 67) }
```

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

Here you see how a box with a 4 pixel rgb(30, 197, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 197, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 197, 67);  
box-shadow:4px 4px 4px 4px rgb(30, 197,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 132.2470, -32.1668, -89.6706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 197, 67) }
```

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

```
.background{ background-color: rgb(30, 197,  
67) }
```

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