

Converting Colors

YUV(133.9360, -30.5344,
-99.9219)

Have a look what the booklet for
YUV(133.9360, -30.5344, -99.9219)
contains.

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Color

**YUV(133.9360, -30.5344,
-99.9219)**

Conversions

Conversions Part 1

Format	Color
Hex	14CC48
RGB	20, 204, 72
RGB Percent	8%, 80%, 28%
CMY	0.9216, 0.2000, 0.7176
CMYK	0.90, 0.00, 0.65, 0.20
HSL	137°, 82%, 44%
HSV	137°, 90%, 80%
XYZ	23.0511, 43.8023, 13.3707
YIQ	133.9360, -67.2920, -80.0600

Conversions

Conversions Part 2

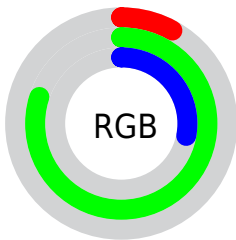
Format	Color
RYB	20, 163, 204
Decimal	1363016
CIELab	72.10, -67.92, 52.48
CIELCh	72, 85.831, 142.306
Yxy	43.8023, 0.2873, 0.5460
Android (android.graphics.Color)	4279553096 (0xFF14CC48)
YUV	133.9360, -30.5344, -99.9219
Hunter-Lab	66.1833, -53.6509, 34.3503

Details

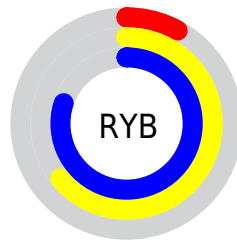
The YUV color **133.9360, -30.5344, -99.9219** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **90.0640, 30.5344, 99.9219**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.0420, -34.5307, -78.0898**, and **88.0160, -38.4619, -77.1900** is the 20% darker color. If you saturate the color by 10%, you get **126.3600, -33.7015, -110.8177**, and if you desaturate by 10%, it is **141.6260, -26.9306, -89.1260**.

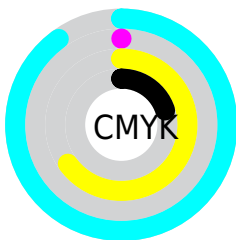
Distribution



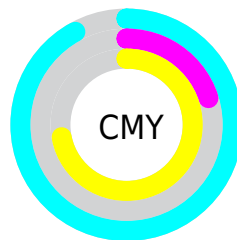
- Red (8%)
- Green (80%)
- Blue (28%)



- Red (8%)
- Yellow (64%)
- Blue (80%)



- Cyan (90%)
- Magenta (0%)
- Yellow (65%)
- Black (20%)



- Cyan (92%)
- Magenta (20%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.9360, -30.5344, -99.9219 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 133.9360, -30.5344, -99.9219 by changing the saturation by 10% instead.

■ 133.9360,
-30.5344, -99.9219

■ 133.9360,
-30.5344, -99.9219

■ 255.0000, 0.0000,
0.0000

■ 108.4420,
-31.2769, -95.1036

■ 196.0420,
-34.5307, -78.0898

■ 88.0160, -38.4619,
-77.1900

■ 208.6880,
-27.4542, -61.1164

■ 71.0270, -35.0163,
-62.2907

■ 221.1490,
-19.7935, -44.8577

■ 55.7650, -27.4921,
-48.9059

■ 233.6100,
-12.1327, -28.5990

■ 40.5030, -19.9680,
-35.5211

■ 246.1850, -4.0352,
-12.4402

■ 26.4150, -13.0226,
-23.1660

■ 8.2180, -4.0515,

-7.2072

■ 0.0000, 0.0000,
0.0000

■ 133.9360,
-30.5344, -99.9219

■ 133.9360,
-30.5344, -99.9219

■ 126.3600,
-33.7015, -110.8177

■ 141.6260,
-26.9306, -89.1260

■ 149.5010,
-23.9110, -77.6154

■ 157.1910,
-20.3072, -66.8195

■ 165.1800,
-16.8507, -55.4089

■ 172.7560,
-13.6837, -44.5130

■ 180.4460,
-10.0799, -33.7171

■ 188.3210, -7.0603,
-22.2065

■ 196.0110, -3.4564,
-11.4106

■ 204.0000, 0.0000,
0.0000

Harmonies

Analogous

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



158.1740, -77.9798, -1.9066



133.9360, -30.5344, -99.9219



141.2990, 5.7686, -123.9192

Triad

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



133.9360, -30.5344, -99.9219



141.7740, 55.8204, -124.3358



146.5050, -12.0810, 95.1501

Complementary

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



133.9360, -30.5344, -99.9219



90.0640, 30.5344, 99.9219

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.



153.0490, 23.1468, 89.4110



133.9360, -30.5344, -99.9219



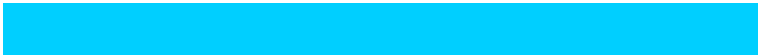
163.8980, 44.9133, -32.3595

Square

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



133.9360, -30.5344, -99.9219



150.5790, 51.4796, -132.0578



177.7820, 38.0685, 63.3352



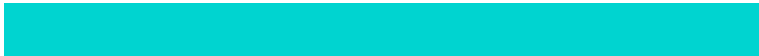
159.2010, -54.8221, 84.0157

Rectangle

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



133.9360, -30.5344, -99.9219



148.1560, 29.5031, -129.9328



177.7820, 38.0685, 63.3352



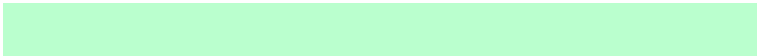
145.9470, 1.0121, 95.6395

Sweetspot

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



133.9360, -30.5344, -99.9219



228.7830, -11.2320, -37.5207



168.3730, -73.1479, -11.7281



112.3210, -7.0603, -22.2065



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.



133.9360, -30.5344, -99.9219



157.8930, -42.3452, -138.4722



144.0820, 8.3406, -108.8199



98.2120, -1.5835, -5.4479



102.8000, -27.5094, -90.1556



23.5600, -6.1921, -20.6621

Inverse Universe

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



90.0640, 30.5344, 99.9219



97.1070, 42.3452, 138.4722



79.9180, -8.3406, 108.8199



95.7880, 1.5835, 5.4479



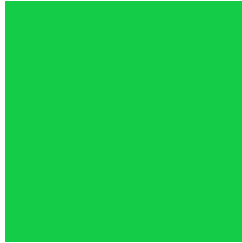
63.2000, 27.5094, 90.1556



14.4400, 6.1921, 20.6621

Previews

White Background



This preview shows how the YUV color 133.9360, -30.5344, -99.9219 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 133.9360, -30.5344, -99.9219 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 133.9360, -30.5344, -99.9219 Background



This preview shows how black text looks on a background with the YUV color 133.9360, -30.5344, -99.9219.



This preview shows how white text looks on a background with the YUV color 133.9360, -30.5344, -99.9219.

-99.9219.

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

133.9360, -30.5344, -99.9219

Protanopia

168.6250, -51.5801, 24.0079

Deuteranopia

172.1890, -43.4772, 38.4222



Tritanopia

160.7170, 22.3245, -67.2808

Trichromacy



Original Color

133.9360, -30.5344, -99.9219



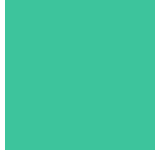
Protanomaly

156.2880, -44.0190, -21.3006



Deuteranomaly

158.1350, -38.5206, -11.5194



Tritanomaly

151.1890, 2.8648, -79.0958

Monochromacy



Original Color

133.9360, -30.5344, -99.9219



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

133.7940, -11.2374, -35.7763

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.9360, -30.5344, -99.9219 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(20, 204, 72)` looks like.

```
.text, #text, p{  
    color:rgb(20, 204, 72)  
}
```

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(20, 204, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 204, 72) }
```

Border

The CSS property to change the border of an element to YUV 133.9360, -30.5344, -99.9219 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(20, 204, 72) }
```


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

```
.border{ border-color:rgb(20, 204, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 204, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 204, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 204, 72);  
box-shadow:4px 4px 4px 4px rgb(20, 204,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 133.9360, -30.5344, -99.9219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 204, 72) }
```

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

```
.background{ background-color: rgb(20, 204,  
72) }
```

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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