

Converting Colors

YUV(126.8890, -35.9343,
-94.6187)

Have a look what the booklet for
YUV(126.8890, -35.9343, -94.6187)
contains.

YUV(126.8890, -35.9343, -94.6187)	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(126.8890, -35.9343,
-94.6187)**

Conversions

Conversions Part 1

Format	Color
Hex	13C436
RGB	19, 196, 54
RGB Percent	7%, 77%, 21%
CMY	0.9255, 0.2314, 0.7882
CMYK	0.90, 0.00, 0.72, 0.23
HSL	132°, 82%, 42%
HSV	132°, 90%, 77%
XYZ	20.6743, 39.8846, 10.0989
YIQ	126.8890, -59.9100, -81.6860

Conversions

Conversions Part 2

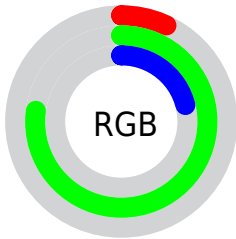
Format	Color
RYB	19, 167, 196
Decimal	1295414
CIELab	69.39, -67.35, 56.69
CIELCh	69, 88.030, 139.912
Yxy	39.8846, 0.2926, 0.5645
Android (android.graphics.Color)	4279485494 (0xFF13C436)
YUV	126.8890, -35.9343, -94.6187
Hunter-Lab	63.1543, -52.0858, 34.7270

Details

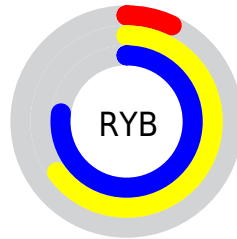
The YUV color **126.8890, -35.9343, -94.6187** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **88.1110, 35.9343, 94.6187**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.9190, -41.3721, -77.1050**, and **82.1800, -40.5147, -72.0719** is the 20% darker color. If you saturate the color by 10%, you get **119.4980, -39.6855, -104.7997**, and if you desaturate by 10%, it is **134.6930, -31.8936, -83.9228**.

Distribution



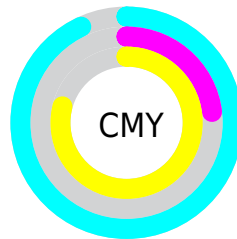
- Red (7%)
- Green (77%)
- Blue (21%)



- Red (7%)
- Yellow (65%)
- Blue (77%)



- Cyan (90%)
- Magenta (0%)
- Yellow (72%)
- Black (23%)



- Cyan (93%)
- Magenta (23%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.8890, -35.9343, -94.6187 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 126.8890, -35.9343, -94.6187 by changing the saturation by 10% instead.

■ 126.8890,
-35.9343, -94.6187

■ 126.8890,
-35.9343, -94.6187

■ 255.0000, 0.0000,
0.0000

■ 101.1240,
-39.0081, -88.6857

■ 192.9190,
-41.3721, -77.1050

■ 82.1800, -40.5147,
-72.0719

■ 206.1520,
-34.5849, -60.6463

■ 66.9180, -32.9906,
-58.6871

■ 218.6130,
-26.9242, -44.3876

■ 51.6560, -25.4664,
-45.3023

■ 231.0740,
-19.2635, -28.1289

■ 36.9810, -18.2316,
-32.4323

■ 243.6490,
-11.1660, -11.9702

■ 22.3060, -10.9969,
-19.5624

■ 254.4300, -2.1840,

■ 0.0000, 0.0000,

0.4999

0.0000

■ 126.8890,
-35.9343, -94.6187

■ 126.8890,
-35.9343, -94.6187

■ 119.4980,
-39.6855, -104.7997

■ 134.6930,
-31.8936, -83.9228

■ 142.0840,
-28.1424, -73.7417

■ 149.8880,
-24.1018, -63.0458

■ 157.3930,
-19.9137, -52.9647

■ 165.1970,
-15.8731, -42.2688

■ 172.8870,
-12.2693, -31.4729

■ 180.3920, -8.0813,
-21.3918

■ 188.1960, -4.0406,
-10.6959

■ 195.7010, 0.1474,
-0.6148

Harmonies

Analogous

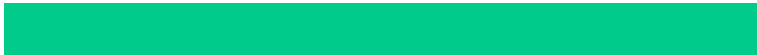
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



152.5810, -75.2224, 0.3675



126.8890, -35.9343, -94.6187



135.0070, 1.9685, -118.4011

Triad

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



126.8890, -35.9343, -94.6187



138.8390, 57.2674, -121.7618



137.4720, -8.6137, 103.0721

Complementary

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



126.8890, -35.9343, -94.6187



88.1110, 35.9343, 94.6187

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.



146.0050, 26.6195, 95.5886



126.8890, -35.9343, -94.6187



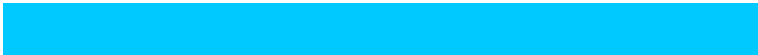
151.3950, 51.0773, -49.4584

Square

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



126.8890, -35.9343, -94.6187



147.0570, 53.2159, -128.9690



170.3730, 41.7211, 58.4319



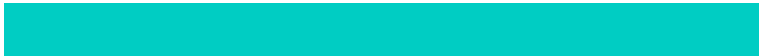
151.5870, -53.5334, 90.6932

Rectangle

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



126.8890, -35.9343, -94.6187



142.5650, 25.8505, -125.0295



170.3730, 41.7211, 58.4319



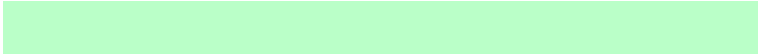
136.4410, 5.2056, 103.9762

Sweetspot

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



126.8890, -35.9343, -94.6187



228.0990, -13.8528, -36.9208



166.2540, -72.5962, -1.9768



111.9790, -8.3706, -21.9066



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.



126.8890, -35.9343, -94.6187



155.3850, -51.9548, -136.2726



136.6930, 1.6304, -103.2168



93.0980, -2.0203, -5.3479



98.1550, -32.6144, -86.0819



20.1690, -6.4923, -17.6882

Inverse Universe

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



88.1110, 35.9343, 94.6187



99.6150, 51.9548, 136.2726



78.3070, -1.6304, 103.2168



90.9020, 2.0203, 5.3479



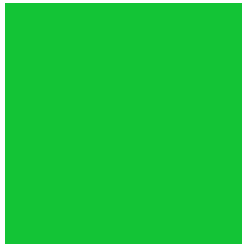
62.8450, 32.6144, 86.0819



12.9450, 6.9291, 17.5882

Previews

White Background



This preview shows how the YUV color 126.8890, -35.9343, -94.6187 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 126.8890, -35.9343, -94.6187 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 126.8890, -35.9343, -94.6187 Background



This preview shows how black text looks on a background with the YUV color 126.8890, -35.9343, -94.6187.



This preview shows how white text looks on a background with the YUV color 126.8890, -35.9343, -94.6187.

-94.6187.

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

126.8890, -35.9343, -94.6187

Protanopia

160.1860, -55.8007, 24.3929

Deuteranopia

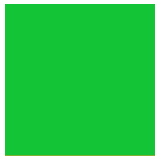
164.1630, -47.4084, 39.3220



Tritanopia

154.5110, 21.4401, -63.5921

Trichromacy



Original Color

126.8890, -35.9343, -94.6187



Protanomaly

148.1590, -48.3924, -18.5564



Deuteranomaly

150.5930, -43.1833, -9.2901



Tritanomaly

144.6410, 0.6700, -75.1072

Monochromacy



Original Color

126.8890, -35.9343, -94.6187



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

126.9360, -13.2794, -34.1469

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.8890, -35.9343, -94.6187 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(19, 196, 54)` looks like.

```
.text, #text, p{  
    color:rgb(19, 196, 54)  
}
```

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(19, 196, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 196, 54) }
```

Border

The CSS property to change the border of an element to YUV 126.8890, -35.9343, -94.6187 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(19, 196, 54) }
```


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

```
.border{ border-color:rgb(19, 196, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 196, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 196, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 196, 54);  
box-shadow:4px 4px 4px 4px rgb(19, 196,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 126.8890, -35.9343, -94.6187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 196, 54) }
```

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

```
.background{ background-color: rgb(19, 196,  
54) }
```

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