

Converting Colors

YUV(126.9550, -35.9668,
-84.1525)

Have a look what the booklet for
YUV(126.9550, -35.9668, -84.1525)
contains.

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Color

**YUV(126.9550, -35.9668,
-84.1525)**

Conversions

Conversions Part 1

Format	Color
Hex	1FBE36
RGB	31, 190, 54
RGB Percent	12%, 75%, 21%
CMY	0.8784, 0.2549, 0.7882
CMYK	0.84, 0.00, 0.72, 0.25
HSL	129°, 72%, 43%
HSV	129°, 84%, 75%
XYZ	19.6444, 37.3846, 9.6706
YIQ	126.9550, -51.1080, -76.0040

Conversions

Conversions Part 2

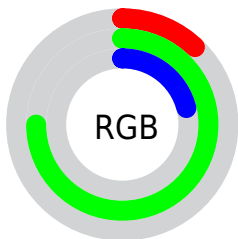
Format	Color
RYB	31, 170, 190
Decimal	2080310
CIELab	67.56, -64.57, 54.84
CIELCh	68, 84.718, 139.657
Yxy	37.3846, 0.2945, 0.5605
Android (android.graphics.Color)	4280270390 (0xFF1FBE36)
YUV	126.9550, -35.9668, -84.1525
Hunter-Lab	61.1429, -49.6505, 33.4225

Details

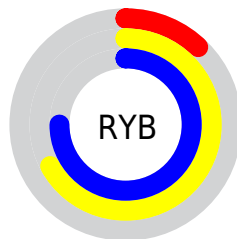
The YUV color **126.9550, -35.9668, -84.1525** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **94.0450, 35.9668, 84.1525**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.1800, -40.5147, -72.0719**, and **79.2450, -39.0678, -69.4979** is the 20% darker color. If you saturate the color by 10%, you get **119.4500, -40.1548, -94.2336**, and if you desaturate by 10%, it is **134.4600, -31.7788, -74.0714**.

Distribution



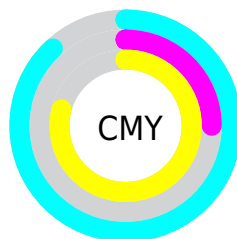
- Red (12%)
- Green (75%)
- Blue (21%)



- Red (12%)
- Yellow (67%)
- Blue (75%)



- Cyan (84%)
- Magenta (0%)
- Yellow (72%)
- Black (25%)





- Cyan (88%)
- Magenta (25%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YUV color 126.9550, -35.9668, -84.1525 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 126.9550, -35.9668, -84.1525 by changing the saturation by 10% instead.


 126.9550,
-35.9668, -84.1525


 126.9550,
-35.9668, -84.1525


255.0000, 0.0000,
0.0000

 97.7160, -36.8350,
-85.6969


 190.1800,
-40.5147, -72.0719


 79.2450, -39.0678,
-69.4979


 206.6360,
-35.3165, -59.3168


 63.3960, -31.2542,
-55.5983


 219.0970,
-27.6558, -43.0581

 48.7210, -24.0195,
-42.7283

 231.2590,
-19.8477, -27.4141

 34.0460, -16.7847,
-29.8583

 243.8340,
-11.7502, -11.2554

 19.9580, -9.8393,
-17.5032

 254.3160, -2.6208,

 0.0000, 0.0000,

0.5999

0.0000

■ 126.9550,
-35.9668, -84.1525

■ 126.9550,
-35.9668, -84.1525

■ 119.4500,
-40.1548, -94.2336

■ 134.4600,
-31.7788, -74.0714

■ 114.6080,
-43.1907, -100.5112

■ 142.0790,
-27.1539, -64.0903

■ 149.5840,
-22.9659, -54.0092

■ 157.0890,
-18.7779, -43.9281

■ 164.5940,
-14.5898, -33.8469

■ 172.2130, -9.9650,
-23.8658

■ 179.7180, -5.7770,
-13.7847

■ 187.2230, -1.5889,
-3.7036

■ 194.7280, 2.5991,
6.3775

Harmonies

Analogous

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



148.1620, -73.0439, 1.6119



126.9550, -35.9668, -84.1525



131.0290, 1.9577, -114.9124

Triad

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



126.9550, -35.9668, -84.1525



135.9040, 58.7143, -119.1878



137.2440, -9.4873, 103.2720

Complementary

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



126.9550, -35.9668, -84.1525



94.0450, 35.9668, 84.1525

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.



145.9080, 23.7094, 95.6737



126.9550, -35.9668, -84.1525



148.7480, 52.3822, -48.0140

Square

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



126.9550, -35.9668, -84.1525



143.5350, 54.9522, -125.8802



166.5080, 43.6266, 53.9285



150.0540, -51.7916, 92.0376

Rectangle

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



126.9550, -35.9668, -84.1525



137.6580, 24.8186, -120.7261



166.5080, 43.6266, 53.9285



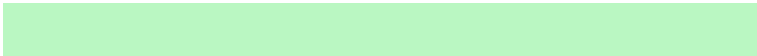
136.5720, 3.1690, 103.8614

Sweetspot

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



126.9550, -35.9668, -84.1525



222.7190, -14.1585, -32.2026



165.5950, -66.3553, 2.9862



109.9900, -8.3761, -20.1622



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



126.9550, -35.9668, -84.1525



149.0930, -55.7548, -130.7546



135.8470, -1.8966, -91.9508



90.3970, -2.1677, -4.7332



95.3680, -35.6774, -83.6377



18.6530, -7.2239, -16.3587

Inverse Universe

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



94.0450, 35.9668, 84.1525



98.0210, 56.1916, 130.6546



85.1530, 1.8966, 91.9508



88.6030, 2.1677, 4.7332



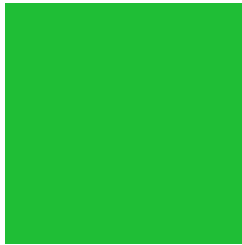
62.6320, 35.6774, 83.6377



12.2330, 6.7871, 16.4587

Previews

White Background



This preview shows how the YUV color 126.9550, -35.9668, -84.1525 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 126.9550, -35.9668, -84.1525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

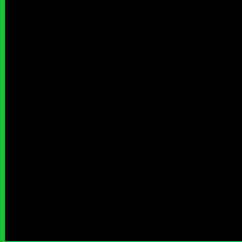
Any Text WCAG AA ✓ Pass

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 126.9550, -35.9668, -84.1525 Background



This preview shows how black text looks on a background with the YUV color 126.9550, -35.9668, -84.1525.



This preview shows how white text looks on a background with the YUV color 126.9550, -35.9668, -84.1525.

-84.1525.

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

126.9550, -35.9668, -84.1525

Protanopia

155.7560, -53.6167, 23.8930

Deuteranopia

159.3200, -45.5138, 38.3074



Tritanopia

150.3050, 20.5556, -59.9035

Trichromacy



Original Color

126.9550, -35.9668, -84.1525



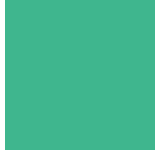
Protanomaly

145.5230, -47.0928, -15.3677



Deuteranomaly

147.5440, -42.1732, -6.6161



Tritanomaly

141.8590, 0.0695, -69.1593

Monochromacy



Original Color

126.9550, -35.9668, -84.1525



Achromatopsia

127.0000, 0.0000, 0.0000



Achromatomaly

126.9580, -13.2903, -30.6582

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.9550, -35.9668, -84.1525 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(31, 190, 54)` looks like.

```
.text, #text, p{  
    color:rgb(31, 190, 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(31, 190, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 190, 54) }
```

Border

The CSS property to change the border of an element to YUV 126.9550, -35.9668, -84.1525 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(31, 190, 54) }
```


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

```
.border{ border-color:rgb(31, 190, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 190, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 190, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 190, 54);  
box-shadow:4px 4px 4px 4px rgb(31, 190,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 126.9550, -35.9668, -84.1525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 190, 54) }
```

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

```
.background{ background-color: rgb(31, 190,  
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](#).

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