

Converting Colors

YUV(136.3360, -53.9026,
-71.3317)

Have a look what the booklet for
YUV(136.3360, -53.9026, -71.3317)
contains.

YUV(136.3360, -53.9026, -71.3317)	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(136.3360, -53.9026,
-71.3317)**

Conversions

Conversions Part 1

Format	Color
Hex	37C71B
RGB	55, 199, 27
RGB Percent	22%, 78%, 11%
CMY	0.7843, 0.2196, 0.8941
CMYK	0.72, 0.00, 0.86, 0.22
HSL	110°, 76%, 44%
HSV	110°, 86%, 78%
XYZ	22.1968, 41.7382, 7.9233
YIQ	136.3360, -30.6120, -84.0200

Conversions

Conversions Part 2

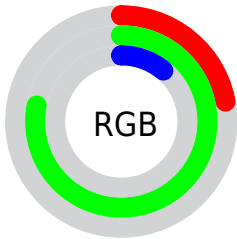
Format	Color
RYB	27, 199, 171
Decimal	3655451
CIELab	70.69, -65.76, 65.97
CIELCh	71, 93.143, 134.908
Yxy	41.7382, 0.3089, 0.5808
Android (android.graphics.Color)	4281845531 (0xFF37C71B)
YUV	136.3360, -53.9026, -71.3317
Hunter-Lab	64.6051, -51.7305, 37.9521

Details

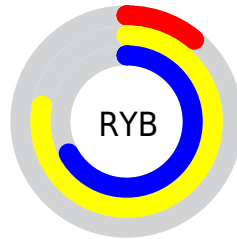
The YUV color **136.3360, -53.9026, -71.3317** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **89.6640, 53.9026, 71.3317**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.1350, -52.3246, -64.1394**, and **84.5280, -41.6723, -74.1311** is the 20% darker color. If you saturate the color by 10%, you get **128.9730, -60.1327, -79.7833**, and if you desaturate by 10%, it is **143.6990, -47.6726, -62.8800**.

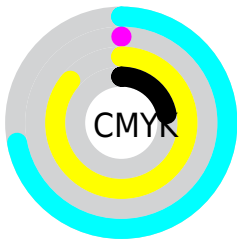
Distribution



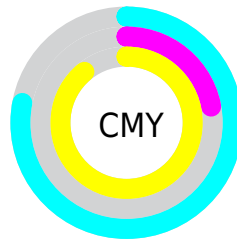
- Red (22%)
- Green (78%)
- Blue (11%)



- Red (11%)
- Yellow (78%)
- Blue (67%)



- Cyan (72%)
- Magenta (0%)
- Yellow (86%)
- Black (22%)



- Cyan (78%)
- Magenta (22%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.3360, -53.9026, -71.3317 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 136.3360, -53.9026, -71.3317 by changing the saturation by 10% instead.

■ 136.3360,
-53.9026, -71.3317

■ 136.3360,
-53.9026, -71.3317

■ 255.0000, 0.0000,
0.0000

■ 100.3770,
-49.4859, -88.0306

■ 197.1350,
-52.3246, -64.1394

■ 84.5280, -41.6723,
-74.1311

■ 209.5960,
-44.6638, -47.8807

■ 68.6790, -33.8587,
-60.2315

■ 221.7580,
-36.8557, -32.2368

■ 53.4170, -26.3346,
-46.8467

■ 234.2190,
-29.1950, -15.9781

■ 38.7420, -19.0998,
-33.9767

■ 246.7940,
-21.0974, 0.1807

■ 24.6540, -12.1544,
-21.6216

■ 252.4920, -9.6096,

■ 2.9350, -1.4470,

2.1995

-2.5740

■ 0.0000, 0.0000,
0.0000

■ 136.3360,
-53.9026, -71.3317

■ 136.3360,
-53.9026, -71.3317

■ 128.9730,
-60.1327, -79.7833

■ 143.6990,
-47.6726, -62.8800

■ 126.3810,
-62.3058, -82.7721

■ 150.7630,
-41.2952, -55.0432

■ 158.1260,
-35.0651, -46.5915

■ 165.4890,
-28.8351, -38.1399

■ 172.4390,
-22.8944, -30.2030

■ 179.8020,
-16.6644, -21.7514

■ 187.1650,
-10.4343, -13.2997

■ 194.2290, -4.0569,
-5.4628

■ 201.5920, 2.1731,
2.9888

Harmonies

Analogous

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



157.3650, -77.5809, 10.2039



136.3360, -53.9026, -71.3317



135.8730, -4.8674, -119.1606

Triad

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



136.3360, -53.9026, -71.3317



143.5350, 54.9522, -125.8802



132.1380, 1.4110, 107.7500

Complementary

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



136.3360, -53.9026, -71.3317



89.6640, 53.9026, 71.3317

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.



147.5840, 35.2081, 94.2038



136.3360, -53.9026, -71.3317



128.2730, 62.4764, -112.4954

Square

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



136.3360, -53.9026, -71.3317



150.5790, 51.4796, -132.0578



172.0790, 40.8801, 48.1657



147.4440, -46.5609, 94.3266

Rectangle

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



136.3360, -53.9026, -71.3317



144.3600, 20.0355, -126.6037



172.0790, 40.8801, 48.1657



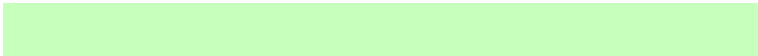
132.3950, 15.0883, 107.5246

Sweetspot

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



136.3360, -53.9026, -71.3317



230.7320, -20.5739, -27.8290



162.3690, -66.7369, 32.1254



113.2740, -12.4601, -16.9033



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.



136.3360, -53.9026, -71.3317



162.2430, -79.9858, -105.4531



134.4620, -24.8778, -94.2442



95.5820, -2.7519, -4.0184



103.7540, -51.1507, -67.3133



22.9260, -11.3025, -14.8441

Inverse Universe

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



89.6640, 53.9026, 71.3317



92.7570, 79.9858, 105.4531



91.5380, 24.8778, 94.2442



93.4180, 2.7519, 4.0184



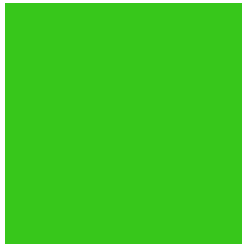
59.5450, 51.0033, 67.9280



13.0740, 11.3025, 14.8441

Previews

White Background



This preview shows how the YUV color 136.3360, -53.9026, -71.3317 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 136.3360, -53.9026, -71.3317 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 136.3360, -53.9026, -71.3317 Background



This preview shows how black text looks on a background with the YUV color 136.3360, -53.9026, -71.3317.



This preview shows how white text looks on a background with the YUV color 136.3360, -53.9026, -71.3317.

-71.3317.

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

136.3360, -53.9026, -71.3317

Protanopia

160.7230, -70.3624, 28.3069

Deuteranopia

165.5520, -57.4601, 43.3659



Tritanopia

160.3980, 19.5238, -55.6000

Trichromacy



Original Color

136.3360, -53.9026, -71.3317



Protanomaly

151.9850, -64.5756, -7.8798



Deuteranomaly

154.9290, -56.1670, 1.8163



Tritanomaly

151.6660, -7.2303, -61.0971

Monochromacy



Original Color

136.3360, -53.9026, -71.3317



Achromatopsia

136.0000, 0.0000, 0.0000



Achromatomaly

136.2700, -19.8531, -25.6698

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.3360, -53.9026, -71.3317 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(55, 199, 27)` looks like.

```
.text, #text, p{  
    color:rgb(55, 199, 27)  
}
```

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(55, 199, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 199, 27) }
```

Border

The CSS property to change the border of an element to YUV 136.3360, -53.9026, -71.3317 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(55, 199, 27) }
```


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

```
.border{ border-color:rgb(55, 199, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 199, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 199, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 199, 27);  
box-shadow:4px 4px 4px 4px rgb(55, 199,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 136.3360, -53.9026, -71.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 199, 27) }
```

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

```
.background{ background-color: rgb(55, 199,  
27) }
```

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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