

Converting Colors

YUV(140.3950, -53.4387,
-80.1534)

Have a look what the booklet for
YUV(140.3950, -53.4387, -80.1534)
contains.

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Color

**YUV(140.3950, -53.4387,
-80.1534)**

Conversions

Conversions Part 1

Format	Color
Hex	31D020
RGB	49, 208, 32
RGB Percent	19%, 82%, 13%
CMY	0.8078, 0.1843, 0.8745
CMYK	0.76, 0.00, 0.85, 0.18
HSL	114°, 73%, 47%
HSV	114°, 85%, 82%
XYZ	24.0832, 45.8690, 8.9508
YIQ	140.3950, -38.2680, -88.4440

Conversions

Conversions Part 2

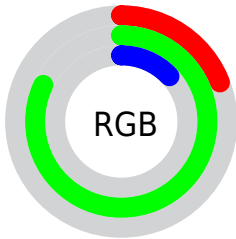
Format	Color
RYB	32, 208, 191
Decimal	3264544
CIELab	73.46, -69.21, 67.28
CIELCh	73, 96.523, 135.811
Yxy	45.8690, 0.3052, 0.5813
Android (android.graphics.Color)	4281454624 (0xFF31D020)
YUV	140.3950, -53.4387, -80.1534
Hunter-Lab	67.7267, -55.0481, 39.5729

Details

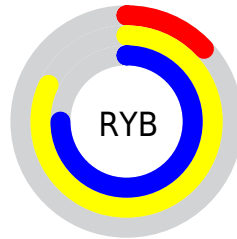
The YUV color **140.3950, -53.4387, -80.1534** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **99.6050, 53.4387, 80.1534**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.9930, -50.2825, -65.7689**, and **89.2240, -43.9874, -78.2494** is the 20% darker color. If you saturate the color by 10%, you get **132.3200, -59.8108, -89.7346**, and if you desaturate by 10%, it is **148.4700, -47.0667, -70.5722**.

Distribution



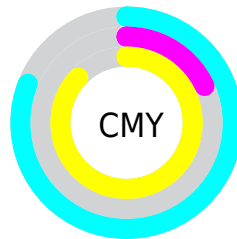
- Red (19%)
- Green (82%)
- Blue (13%)



- Red (13%)
- Yellow (82%)
- Blue (75%)



- Cyan (76%)
- Magenta (0%)
- Yellow (85%)
- Black (18%)



- Cyan (81%)
- Magenta (18%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.3950, -53.4387, -80.1534 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 140.3950, -53.4387, -80.1534 by changing the saturation by 10% instead.

■ 140.3950,
-53.4387, -80.1534

■ 140.3950,
-53.4387, -80.1534

■ 255.0000, 0.0000,
0.0000

■ 105.6600,
-52.0904, -92.6638

■ 196.9930,
-50.2825, -65.7689

■ 89.2240, -43.9874,
-78.2494

■ 209.7530,
-42.7692, -48.8954

■ 73.3750, -36.1739,
-64.3499

■ 222.2140,
-35.1085, -32.6367

■ 57.5260, -28.3603,
-50.4503

■ 234.7890,
-27.0110, -16.4780

■ 42.8510, -21.1255,
-37.5803

■ 247.3640,
-18.9135, -0.3192

■ 28.7630, -14.1802,
-25.2252

■ 253.0620, -7.4256,

■ 11.7400, -5.7878,

1.6996

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 140.3950,
-53.4387, -80.1534

■ 140.3950,
-53.4387, -80.1534

■ 132.3200,
-59.8108, -89.7346

■ 148.4700,
-47.0667, -70.5722

■ 128.0760,
-63.1415, -94.7827

■ 156.5450,
-40.6947, -60.9910

■ 164.2070,
-34.6121, -51.9245

■ 172.2820,
-28.2400, -42.3433

■ 180.3570,
-21.8680, -32.7621

■ 188.4320,
-15.4960, -23.1809

■ 196.5070, -9.1240,
-13.5996

■ 204.1690, -3.0413,
-4.5332

■ 212.2440, 3.3307,
5.0480

Harmonies

Analogous

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



164.1430, -80.9225, 8.6446



140.3950, -53.4387, -80.1534



142.0680, -3.9775, -124.5936

Triad

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



140.3950, -53.4387, -80.1534



148.2310, 52.6371, -129.9986



134.2410, 1.8532, 105.9056

Complementary

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



140.3950, -53.4387, -80.1534



99.6050, 53.4387, 80.1534

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.



149.5560, 37.6869, 92.4744



140.3950, -53.4387, -80.1534



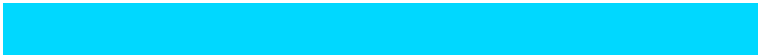
131.7950, 60.7401, -115.5842

Square

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



140.3950, -53.4387, -80.1534



155.8620, 48.8750, -136.6910



177.7270, 38.0956, 54.6134



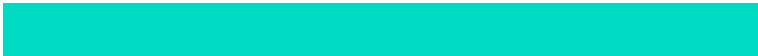
151.4390, -49.0234, 90.8230

Rectangle

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



140.3950, -53.4387, -80.1534



150.8970, 22.2358, -132.3367



177.7270, 38.0956, 54.6134



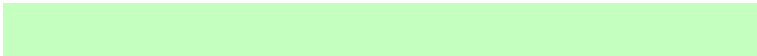
134.0250, 16.2567, 106.0951

Sweetspot

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



140.3950, -53.4387, -80.1534



230.3620, -19.4055, -29.2585



177.3700, -71.6674, 26.8625



113.0890, -11.8759, -17.6181



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.



140.3950, -53.4387, -80.1534



157.1600, -77.4799, -115.9043



143.2920, -20.3570, -97.6031



100.7560, -3.3307, -5.0480



103.4000, -50.9762, -76.6498



25.2630, -12.4547, -18.6477

Inverse Universe

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



99.6050, 53.4387, 80.1534



97.8400, 77.4799, 115.9043



96.7080, 20.3570, 97.6031



98.2440, 3.3307, 5.0480



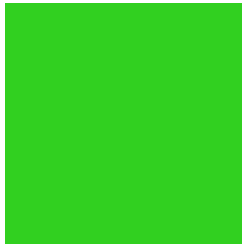
64.6000, 50.9762, 76.6498



15.7370, 12.4547, 18.6477

Previews

White Background



This preview shows how the YUV color 140.3950, -53.4387, -80.1534 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 140.3950, -53.4387, -80.1534 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 140.3950, -53.4387, -80.1534 Background



This preview shows how black text looks on a background with the YUV color 140.3950, -53.4387, -80.1534.



This preview shows how white text looks on a background with the YUV color 140.3950, -53.4387, -80.1534.

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

140.3950, -53.4387, -80.1534

Protanopia

168.2070, -71.0941, 29.6365

Deuteranopia

172.9220, -58.6285, 44.7954



Tritanopia

166.7070, 20.8504, -61.1330

Trichromacy



Original Color

140.3950, -53.4387, -80.1534



Protanomaly

158.2620, -64.7122, -10.7538



Deuteranomaly

161.0920, -56.7404, -0.9577



Tritanomaly

157.2630, -6.0457, -67.7597

Monochromacy



Original Color

140.3950, -53.4387, -80.1534



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

140.3620, -19.4055, -29.2585

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.3950, -53.4387, -80.1534 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(49, 208, 32)` looks like.

```
.text, #text, p{  
    color:rgb(49, 208, 32)  
}
```

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(49, 208, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 208, 32) }
```

Border

The CSS property to change the border of an element to YUV 140.3950, -53.4387, -80.1534 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(49, 208, 32) }
```


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

```
.border{ border-color:rgb(49, 208, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 208, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 208, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 208, 32);  
box-shadow:4px 4px 4px 4px rgb(49, 208,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 140.3950, -53.4387, -80.1534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 208, 32) }
```

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

```
.background{ background-color: rgb(49, 208,  
32) }
```

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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