

Converting Colors

YIQ(154.3530, -82.0080,
-88.6960)

Have a look what the booklet for
YIQ(154.3530, -82.0080, -88.6960)
contains.

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Color

**YIQ(154.3530, -82.0080,
-88.6960)**

Conversions

Conversions Part 1

Format	Color
Hex	15EA5E
RGB	21, 234, 94
RGB Percent	8%, 92%, 37%
CMY	0.9182, 0.0820, 0.6316
CMYK	0.91, 0.00, 0.60, 0.08
HSL	141°, 84%, 50%
HSV	141°, 91%, 92%
XYZ	31.7722, 59.8614, 20.4565
YIQ	154.3530, -82.0080, -88.6960

Conversions

Conversions Part 2

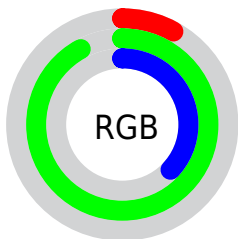
Format	Color
RYB	21, 180, 234
Decimal	1436254
CIELab	81.76, -74.38, 54.01
CIELCh	82, 91.923, 144.017
Yxy	59.8614, 0.2835, 0.5340
Android (android.graphics.Color)	4279626334 (0xFF15EA5E)
YUV	154.3530, -29.7540, -116.9506
Hunter-Lab	77.3701, -62.0964, 38.4829

Details

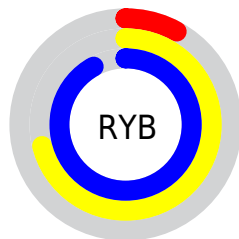
The YIQ color **154.3530, -82.0080, -88.6960** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **100.6470, 82.0080, 88.6960**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **200.9420, -49.0930, -62.9570**, and **107.7580, -60.9190, -79.9190** is the 20% darker color. If you saturate the color by 10%, you get **146.4780, -90.0300, -97.5020**, and if you desaturate by 10%, it is **162.9400, -73.1150, -79.1550**.

Distribution



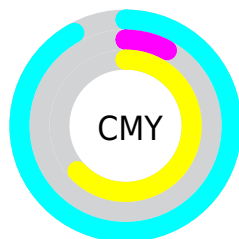
- Red (8%)
- Green (92%)
- Blue (37%)



- Red (8%)
- Yellow (71%)
- Blue (92%)



- Cyan (91%)
- Magenta (0%)
- Yellow (60%)
- Black (8%)



- Cyan (92%)
- Magenta (8%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.3530, -82.0080, -88.6960 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 YIQ color 154.3530, -82.0080, -88.6960 by changing the saturation by 10% instead.

■ 154.3530,
-82.0080, -88.6960

■ 154.3530,
-82.0080, -88.6960

■ 255.0000, -0.0000,
-0.0000

■ 127.9730,
-77.8820, -86.3780

■ 200.9420,
-49.0930, -62.9570

■ 108.3450,
-61.1940, -80.4420

■ 214.0010,
-38.4130, -47.2530

■ 87.4630, -40.9750,
-77.9270

■ 226.7610,
-28.3290, -31.7610

■ 71.6140, -33.5500,
-63.8060

■ 239.6350,
-18.5660, -15.9580

■ 55.7650, -26.1250,
-49.6850

■ 251.7110, -6.5560,
-2.3320

■ 40.5030, -18.9750,
-36.0870

■ 26.4150, -12.3750,

-23.5350

■ 7.0440, -3.3000,
-6.2760

■ 0.0000, 0.0000,
0.0000

■ 154.3530,
-82.0080, -88.6960

■ 154.3530,
-82.0080, -88.6960

■ 146.4780,
-90.0300, -97.5020

■ 162.9400,
-73.1150, -79.1550

■ 171.9400,
-63.9470, -69.0910

■ 180.5270,
-55.0540, -59.5500

■ 189.1140,
-46.1610, -50.0090

■ 198.1140,
-36.9930, -39.9450

■ 206.7010,
-28.1000, -30.4040

■ 215.7010,
-18.9320, -20.3400

■ 224.2880,
-10.0390, -10.7990

■ 233.1740, -0.5500,
-1.0460

Harmonies

Analogous

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



181.1770, 44.6710, -77.2250



154.3530, -82.0080, -88.6960



162.3290, -125.0180, -69.1300

Triad

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



154.3530, -82.0080, -88.6960



157.6230, -142.0800, -35.2320



161.9440, 74.6360, 35.0520

Complementary

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



154.3530, -82.0080, -88.6960



100.6470, 82.0080, 88.6960

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.



167.5250, 49.2760, 65.1480



154.3530, -82.0080, -88.6960



188.1630, -36.4070, 15.5370

Square

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



154.3530, -82.0080, -88.6960



167.6020, -146.7550, -44.1230



191.0170, 29.9750, 57.0070



175.1300, 89.8660, -9.7020

Rectangle

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



154.3530, -82.0080, -88.6960



169.7560, -144.5530, -50.9930



191.0170, 29.9750, 57.0070



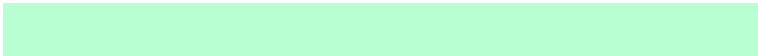
160.4400, 67.8480, 47.9440

Sweetspot

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



154.3530, -82.0080, -88.6960



229.2390, -26.6790, -28.6230



188.4890, 26.0570, -81.2950



112.6630, -15.7690, -17.0890



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.



154.3530, -82.0080, -88.6960



159.6030, -98.0520, -106.3080



166.3230, -115.7130, -56.0410



112.9130, -4.3090, -4.5090



113.3150, -69.6770, -75.3810



33.7500, -20.6280, -22.6440

Inverse Universe

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



100.6470, 82.0080, 88.6960



95.3970, 98.0520, 106.3080



88.6770, 115.7130, 56.0410



110.0870, 4.3090, 4.5090



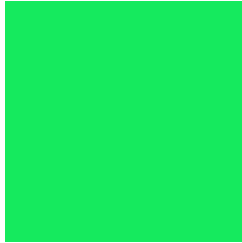
67.6850, 69.6770, 75.3810



20.1360, 20.9490, 22.3330

Previews

White Background



This preview shows how the YIQ color 154.3530, -82.0080, -88.6960 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 YIQ color 154.3530, -82.0080, -88.6960 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](#).

YIQ 154.3530, -82.0080, -88.6960 Background



This preview shows how black text looks on a background with the YIQ color 154.3530, -82.0080, -88.6960.

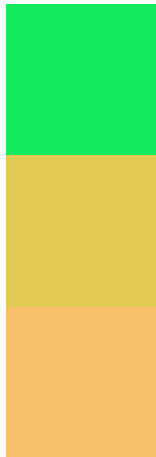


This preview shows how white text looks on a background with the YIQ color 154.3530, -82.0080, -88.6960.

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

154.3530, -82.0080, -88.6960

Protanopia

195.1260, 50.9900, -32.0340

Deuteranopia

198.6410, 60.3860, -15.0860



Tritanopia

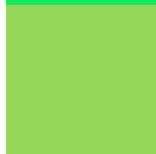
184.5630, -79.9570, -21.2130

Trichromacy



Original Color

154.3530, -82.0080, -88.6960



Protanomaly

180.5000, 2.3020, -52.7540



Deuteranomaly

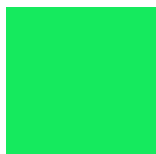
182.4720, 8.6730, -41.5590



Tritanomaly

173.4970, -80.7320, -45.7240

Monochromacy



Original Color

154.3530, -82.0080, -88.6960



Achromatopsia

154.0000, -0.0000, -0.0000



Achromatomaly

154.1630, -29.5210, -32.1850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.3530, -82.0080, -88.6960 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(21, 234, 94)` looks like.

```
.text, #text, p{  
    color:rgb(21, 234, 94)  
}
```

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(21, 234, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 234, 94) }
```

Border

The CSS property to change the border of an element to YIQ 154.3530, -82.0080, -88.6960 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(21, 234, 94) }
```


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

```
.border{ border-color:rgb(21, 234, 94) }
```

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

Here you see how a box with a 4 pixel rgb(21, 234, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 234, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 234, 94);  
box-shadow:4px 4px 4px 4px rgb(21, 234,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 154.3530, -82.0080, -88.6960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 234, 94) }
```

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

```
.background{ background-color: rgb(21, 234,  
94) }
```

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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