

Converting Colors

YIQ(137.9810, -89.5280,
-84.5680)

Have a look what the booklet for
YIQ(137.9810, -89.5280, -84.5680)
contains.

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Color

**YIQ(137.9810, -89.5280,
-84.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	00D95D
RGB	0, 217, 93
RGB Percent	0%, 85%, 36%
CMY	1.0000, 0.1486, 0.6355
CMYK	1.00, 0.00, 0.57, 0.15
HSL	146°, 100%, 43%
HSV	146°, 100%, 85%
XYZ	26.8091, 50.4617, 18.6677
YIQ	137.9810, -89.5280, -84.5680

Conversions

Conversions Part 2

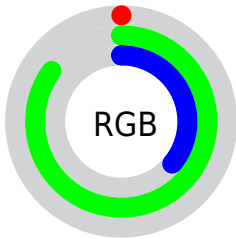
Format	Color
RYB	0, 152, 217
Decimal	55645
CIELab	76.35, -70.16, 48.12
CIELCh	76, 85.077, 145.555
Yxy	50.4617, 0.2794, 0.5260
Android (android.graphics.Color)	4278245725 (0xFF00D95D)
YUV	137.9810, -22.1756, -121.0093
Hunter-Lab	71.0364, -56.9478, 34.1447

Details

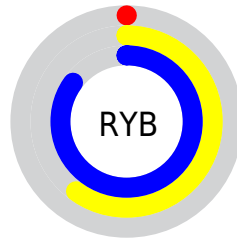
The YIQ color **137.9810, -89.5280, -84.5680** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **79.0190, 89.5280, 84.5680**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **198.0230, -53.8150, -65.4870**, and **98.4800, -56.8400, -71.2400** is the 20% darker color. If you saturate the color by 10%, you get **137.9810, -89.5280, -84.5680**, and if you desaturate by 10%, it is **145.9270, -80.2680, -76.1720**.

Distribution



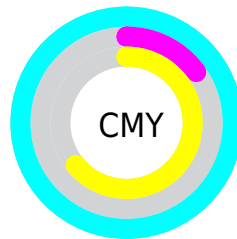
- Red (0%)
- Green (85%)
- Blue (36%)



- Red (0%)
- Yellow (60%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.9810, -89.5280, -84.5680 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 137.9810, -89.5280, -84.5680 by changing the saturation by 10% instead.

■ 137.9810,
-89.5280, -84.5680

■ 137.9810,
-89.5280, -84.5680

■ 255.0000, -0.0000,
-0.0000

■ 117.9940,
-73.2070, -77.4870

■ 198.0230,
-53.8150, -65.4870

■ 98.4800, -56.8400,
-71.2400

■ 211.0820,
-43.1350, -49.7830

■ 78.7550, -38.5010,
-67.6930

■ 223.8420,
-33.0510, -34.2910

■ 62.2220, -29.1500,
-55.4380

■ 236.4170,
-23.8840, -18.7000

■ 46.9600, -22.0000,
-41.8400

■ 248.7210,
-12.5160, -4.4520

■ 33.4590, -15.6750,
-29.8110

■ 17.6100, -8.2500,

-15.6900

■ 0.0000, 0.0000,
0.0000

■ 137.9810,
-89.5280, -84.5680

■ 145.9270,
-80.2680, -76.1720

■ 153.6880,
-71.9250, -67.6770

■ 161.6340,
-62.6650, -59.2810

■ 169.6940,
-53.7260, -50.5740

■ 177.6400,
-44.4660, -42.1780

■ 185.2870,
-35.8020, -33.9940

■ 193.3470,
-26.8630, -25.2870

■ 201.2930,
-17.6030, -16.8910

■ 209.0540, -9.2600,
-8.3960

Harmonies

Analogous

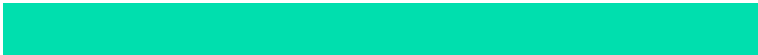
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



167.2890, 38.6640, -72.9840



137.9810, -89.5280, -84.5680



150.7370, -117.1790, -62.5150

Triad

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



137.9810, -89.5280, -84.5680



147.0570, -137.1300, -25.8180



157.5270, 80.1840, 33.6240

Complementary

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



137.9810, -89.5280, -84.5680



79.0190, 89.5280, 84.5680

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.



161.7230, 57.3460, 62.0660



137.9810, -89.5280, -84.5680



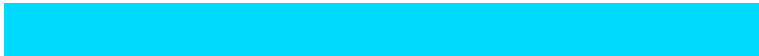
178.7600, -33.4740, 22.9580

Square

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



137.9810, -89.5280, -84.5680



157.0360, -141.8050, -34.7090



184.5600, 33.0000, 62.7600



169.2770, 93.9460, -6.5500

Rectangle

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



137.9810, -89.5280, -84.5680



157.4800, -134.7880, -46.2440



184.5600, 33.0000, 62.7600



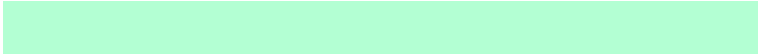
156.2680, 74.0840, 45.0600

Sweetspot

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



137.9810, -89.5280, -84.5680



227.2600, -31.1720, -29.7960



165.3520, 16.0170, -86.5670



111.1680, -18.7490, -18.1490



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

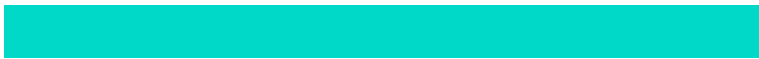
The Same Dimension uses a secret algorithm to generate beautiful new colors.



137.9810, -89.5280, -84.5680



162.1110, -105.1140, -99.4660



150.0650, -123.5540, -51.6020



105.9130, -4.3090, -4.5090



109.9870, -71.3290, -67.4650



29.2820, -19.0700, -17.8380

Inverse Universe

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



79.0190, 89.5280, 84.5680



92.8890, 105.1140, 99.4660



66.9350, 123.5540, 51.6020



102.9730, 4.6300, 4.1980



63.0130, 71.3290, 67.4650



16.7180, 19.0700, 17.8380

Previews

White Background



This preview shows how the YIQ color 137.9810, -89.5280, -84.5680 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 137.9810, -89.5280, -84.5680 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 137.9810, -89.5280, -84.5680 Background



This preview shows how black text looks on a background with the YIQ color 137.9810, -89.5280, -84.5680.



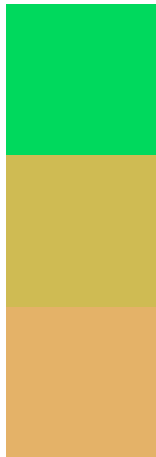
This preview shows how white text looks on a background with the YIQ color 137.9810, -89.5280, -84.5680.

-84.5680.

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

137.9810, -89.5280, -84.5680

Protanopia

181.1240, 45.3040, -28.1040

Deuteranopia

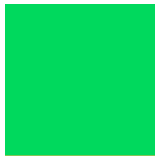
184.5140, 53.5540, -12.4140



Tritanopia

170.2430, -76.0600, -20.2520

Trichromacy



Original Color

137.9810, -89.5280, -84.5680



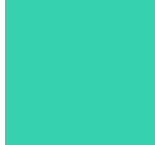
Protanomaly

165.6120, -3.7050, -48.5130



Deuteranomaly

167.4590, 1.5200, -38.5760



Tritanomaly

158.6650, -81.1450, -43.7450

Monochromacy



Original Color

137.9810, -89.5280, -84.5680



Achromatopsia

138.0000, -0.0000, -0.0000



Achromatomaly

138.2490, -32.6390, -30.7430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.9810, -89.5280, -84.5680 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(0, 217, 93)` looks like.

```
.text, #text, p{  
    color:rgb(0, 217, 93)  
}
```

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(0, 217, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 217, 93) }
```

Border

The CSS property to change the border of an element to YIQ 137.9810, -89.5280, -84.5680 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(0, 217, 93) }
```


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

```
.border{ border-color:rgb(0, 217, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 217, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 217, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 217, 93);  
box-shadow:4px 4px 4px 4px rgb(0, 217, 93)  
}
```

Background

The CSS property to change the background color of an element to YIQ 137.9810, -89.5280, -84.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 217, 93) }
```

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

```
.background{ background-color: rgb(0, 217,  
93) }
```

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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