

Converting Colors

YIQ(137.9790, -34.4610,
-96.8690)

Have a look what the booklet for
YIQ(137.9790, -34.4610, -96.8690)
contains.

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Color

**YIQ(137.9790, -34.4610,
-96.8690)**

Conversions

Conversions Part 1

Format	Color
Hex	2DD20B
RGB	45, 210, 11
RGB Percent	18%, 82%, 4%
CMY	0.8240, 0.1762, 0.9568
CMYK	0.79, 0.00, 0.95, 0.18
HSL	110°, 90%, 43%
HSV	110°, 95%, 82%
XYZ	24.2004, 46.7063, 8.0565
YIQ	137.9790, -34.4610, -96.8690

Conversions

Conversions Part 2

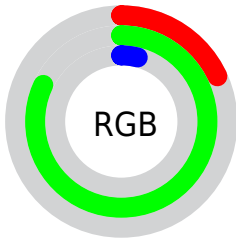
Format	Color
RYB	11, 210, 176
Decimal	3002891
CIELab	74.00, -71.03, 71.21
CIELCh	74, 100.580, 134.927
Yxy	46.7063, 0.3065, 0.5915
Android (android.graphics.Color)	4281192971 (0xFF2DD20B)
YUV	137.9790, -62.6006, -81.5426
Hunter-Lab	68.3420, -56.3902, 40.8500

Details

The YIQ color **137.9790, -34.4610, -96.8690** 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 **83.0210, 34.4610, 96.8690**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.6680, -25.6150, -80.9670**, and **90.3980, -42.3500, -80.5420** is the 20% darker color. If you saturate the color by 10%, you get **134.0340, -36.2940, -102.1980**, and if you desaturate by 10%, it is **145.4560, -31.0700, -86.7340**.

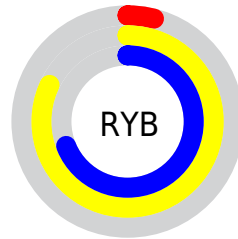
Distribution



Red (18%)

Green (82%)

Blue (4%)



Red (4%)

Yellow (82%)

Blue (69%)

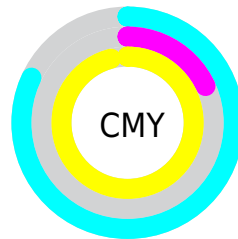


Cyan (79%)

Magenta (0%)

Yellow (95%)

Black (18%)



Cyan (82%)

Magenta (18%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.9790, -34.4610, -96.8690 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 137.9790, -34.4610, -96.8690 by changing the saturation by 10% instead.

■ 137.9790,
-34.4610, -96.8690

■ 137.9790,
-34.4610, -96.8690

■ 255.0000, -0.0000,
-0.0000

■ 106.8340,
-50.0500, -95.1860

■ 195.6680,
-25.6150, -80.9670

■ 90.3980, -42.3500,
-80.5420

■ 208.5420,
-15.8520, -65.1640

■ 74.5490, -34.9250,
-66.4210

■ 221.1170, -6.6850,
-49.5730

■ 58.7000, -27.5000,
-52.3000

■ 233.5780, 2.8030,
-34.2930

■ 43.4380, -20.3500,
-38.7020

■ 246.4520, 12.5660,
-18.4900

■ 29.3500, -13.7500,
-26.1500

■ 252.2640, 7.7040,

■ 13.5010, -6.3250,

-7.4640

-12.0290

■ 0.0000, 0.0000,
0.0000

■ 137.9790,
-34.4610, -96.8690

■ 137.9790,
-34.4610, -96.8690

■ 134.0340,
-36.2940, -102.1980

■ 145.4560,
-31.0700, -86.7340

■ 153.2320,
-27.0830, -76.3870

■ 160.7090,
-23.6920, -66.2520

■ 168.4850,
-19.7050, -55.9050

■ 175.9620,
-16.3140, -45.7700

■ 183.4390,
-12.9230, -35.6350

■ 191.2150, -8.9360,
-25.2880

■ 198.6920, -5.5450,
-15.1530

■ 206.4680, -1.5580,
-4.8060

Harmonies

Analogous

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



165.6270, 52.6920, -62.8920



137.9790, -34.4610, -96.8690



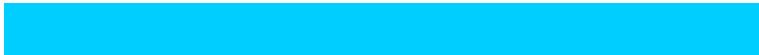
143.3730, -101.9550, -74.1070

Triad

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



137.9790, -34.4610, -96.8690



149.9920, -138.5050, -28.4330



128.0120, 90.2650, 65.6970

Complementary

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



137.9790, -34.4610, -96.8690



83.0210, 34.4610, 96.8690

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.



146.1310, 57.1580, 87.5100



137.9790, -34.4610, -96.8690



133.5560, -130.8050, -13.7890

Square

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



137.9790, -34.4610, -96.8690



157.6230, -142.0800, -35.2320



178.6130, 25.4810, 61.3610



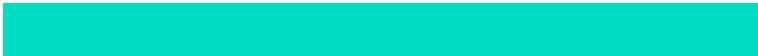
148.2760, 104.8550, 10.5110

Rectangle

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



137.9790, -34.4610, -96.8690



151.9570, -123.3700, -54.9380



178.6130, 25.4810, 61.3610



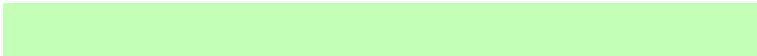
127.4370, 82.2390, 78.9990

Sweetspot

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



137.9790, -34.4610, -96.8690



229.2650, -12.3730, -34.5890



166.1820, 73.7790, -43.0610



112.2200, -7.3320, -21.3160



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.



137.9790, -34.4610, -96.8690



162.5420, -44.4970, -124.2490



134.9950, -74.9480, -84.4840



101.0550, -1.8330, -5.3290



107.2870, -28.9160, -81.7160



26.1600, -7.1030, -19.9590

Inverse Universe

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



83.0210, 34.4610, 96.8690



92.4580, 44.4970, 124.2490



86.0050, 74.9480, 84.4840



97.9450, 1.8330, 5.3290



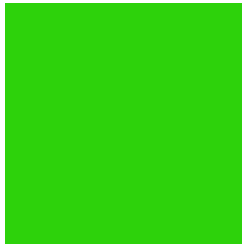
61.0120, 29.5120, 81.9280



14.8400, 7.1030, 19.9590

Previews

White Background



This preview shows how the YIQ color 137.9790, -34.4610, -96.8690 looks on a white background.

Color Contrast Check

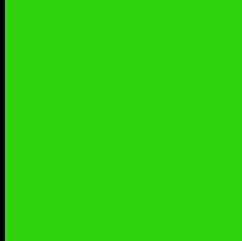
Large Text (above 18pt) WCAG AA × Fail

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 137.9790, -34.4610, -96.8690 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 137.9790, -34.4610, -96.8690 Background



This preview shows how black text looks on a background with the YIQ color 137.9790, -34.4610, -96.8690.



This preview shows how white text looks on a background with the YIQ color 137.9790, -34.4610, -96.8690.

-96.8690.

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

137.9790, -34.4610, -96.8690

Protanopia

166.9440, 71.2130, -51.6270

Deuteranopia

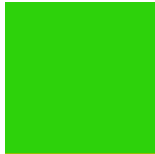
173.4940, 73.5010, -27.0030



Tritanopia

167.5220, -63.5440, -15.8000

Trichromacy



Original Color

137.9790, -34.4610, -96.8690



Protanomaly

156.5150, 32.3360, -68.4320



Deuteranomaly

160.4960, 34.4880, -52.3600



Tritanomaly

156.4540, -52.8100, -45.1460

Monochromacy



Original Color

137.9790, -34.4610, -96.8690



Achromatopsia

138.0000, -0.0000, -0.0000



Achromatomaly

137.8520, -12.6480, -35.1120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.9790, -34.4610, -96.8690 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(45, 210, 11)` looks like.

```
.text, #text, p{  
    color:rgb(45, 210, 11)  
}
```

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(45, 210, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 210, 11) }
```

Border

The CSS property to change the border of an element to YIQ 137.9790, -34.4610, -96.8690 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(45, 210, 11) }
```


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

```
.border{ border-color:rgb(45, 210, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 210, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 210, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 210, 11);  
box-shadow:4px 4px 4px 4px rgb(45, 210,  
11) }
```

Background

The CSS property to change the background color of an element to YIQ 137.9790, -34.4610, -96.8690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 210, 11) }
```

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

```
.background{ background-color: rgb(45, 210,  
11) }
```

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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