

Converting Colors

YIQ(137.1780, -9.7960,
-86.8200)

Have a look what the booklet for
YIQ(137.1780, -9.7960, -86.8200)
contains.

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Color

**YIQ(137.1780, -9.7960,
-86.8200)**

Conversions

Conversions Part 1

Format	Color
Hex	4AC400
RGB	74, 196, 0
RGB Percent	29%, 77%, 0%
CMY	0.7102, 0.2312, 0.9998
CMYK	0.62, 0.00, 1.00, 0.23
HSL	97°, 100%, 38%
HSV	97°, 100%, 77%
XYZ	22.5675, 40.9545, 6.7164
YIQ	137.1780, -9.7960, -86.8200

Conversions

Conversions Part 2

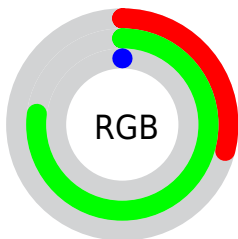
Format	Color
RYB	0, 196, 122
Decimal	4899840
CIELab	70.14, -61.70, 69.50
CIELCh	70, 92.936, 131.597
Yxy	40.9545, 0.3213, 0.5831
Android (android.graphics.Color)	4283089920 (0xFF4AC400)
YUV	137.1780, -67.6288, -55.4071
Hunter-Lab	63.9957, -49.0461, 38.5745

Details

The YIQ color **137.1780, -9.7960, -86.8200** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **58.8220, 9.7960, 86.8200**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **199.1810, -13.8780, -78.9180**, and **82.7670, -38.7750, -73.7430** is the 20% darker color. If you saturate the color by 10%, you get **137.1780, -9.7960, -86.8200**, and if you desaturate by 10%, it is **143.0460, -9.0640, -78.0560**.

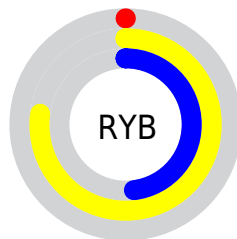
Distribution



Red (29%)

Green (77%)

Blue (0%)



Red (0%)

Yellow (77%)

Blue (48%)

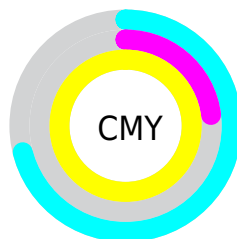


Cyan (62%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (71%)

Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.1780, -9.7960, -86.8200 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 137.1780, -9.7960, -86.8200 by changing the saturation by 10% instead.

■ 137.1780, -9.7960,
-86.8200

■ 137.1780, -9.7960,
-86.8200

■ 255.0000, -0.0000,
-0.0000

■ 108.7820,
-25.9360, -80.6560

■ 199.1810,
-13.8780, -78.9180

■ 82.7670, -38.7750,
-73.7430

■ 212.3430, -4.9860,
-63.8500

■ 66.9180, -31.3500,
-59.6220

■ 224.5050, 3.9060,
-48.7820

■ 52.2430, -24.4750,
-46.5470

■ 236.7810, 12.4770,
-33.4030

■ 37.5680, -17.6000,
-33.4720

■ 248.1600, 19.2600,
-18.6600

■ 23.4800, -11.0000,
-20.9200

■ 251.4660, 9.9510,

■ 0.5870, -0.2750,

-9.6410

-0.5230

254.8860, 0.3210,
-0.3110

■ 0.0000, 0.0000,
0.0000

■ 137.1780, -9.7960,
-86.8200

■ 143.0460, -9.0640,
-78.0560

■ 148.8000, -8.0110,
-69.6030

■ 154.9670, -6.6830,
-60.6270

■ 160.7210, -5.6300,
-52.1740

■ 166.5890, -4.8980,
-43.4100

■ 172.4570, -4.1660,
-34.6460

■ 178.2110, -3.1130,
-26.1930

■ 184.3780, -1.7850,
-17.2170

■ 190.1320, -0.7320,
-8.7640

Harmonies

Analogous

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



157.4090, 56.5420, -55.5700



137.1780, -9.7960, -86.8200



133.3310, -92.9690, -71.7610

Triad

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



137.1780, -9.7960, -86.8200



143.5350, -135.4800, -22.6800



130.7020, 88.2020, 64.5380

Complementary

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



137.1780, -9.7960, -86.8200



58.8220, 9.7960, 86.8200

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.



150.2570, 56.5630, 81.7710



137.1780, -9.7960, -86.8200



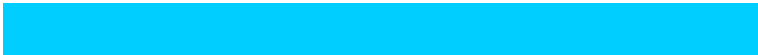
129.4470, -128.8800, -10.1280

Square

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



137.1780, -9.7960, -86.8200



149.9920, -138.5050, -28.4330



169.6540, 9.0680, 55.9480



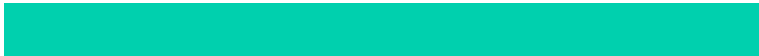
144.8340, 103.5240, 18.1160

Rectangle

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



137.1780, -9.7960, -86.8200



141.9320, -113.0540, -54.6700



169.6540, 9.0680, 55.9480



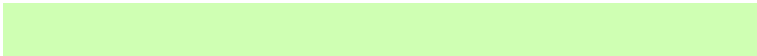
132.1330, 80.0390, 74.8150

Sweetspot

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



137.1780, -9.7960, -86.8200



231.9840, -4.2120, -33.8120



129.6310, 83.5410, -21.7310



114.0850, -2.5180, -20.4540



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.



137.1780, -9.7960, -86.8200



178.3890, -12.9090, -113.0130



117.6740, -61.2830, -95.3550



94.0660, -0.3660, -4.3820



112.7460, -7.9190, -71.2710



22.9590, -1.9230, -14.7150

Inverse Universe

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



58.8220, 9.7960, 86.8200



76.6110, 12.9090, 113.0130



78.3260, 61.2830, 95.3550



89.9340, 0.3660, 4.3820



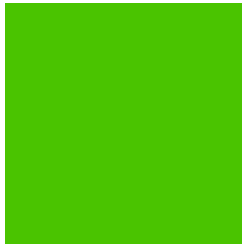
48.2540, 7.9190, 71.2710



10.0410, 1.9230, 14.7150

Previews

White Background



This preview shows how the YIQ color 137.1780, -9.7960, -86.8200 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 137.1780, -9.7960, -86.8200 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 137.1780, -9.7960, -86.8200

Background



This preview shows how black text looks on a background with the YIQ color 137.1780, -9.7960, -86.8200.



This preview shows how white text looks on a background with the YIQ color 137.1780, -9.7960,

-86.8200.

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

137.1780, -9.7960, -86.8200

Protanopia

157.7850, 67.4070, -48.7290

Deuteranopia

163.1670, 70.1080, -26.0840



Tritanopia

161.2850, -49.5150, -11.2350

Trichromacy



Original Color

137.1780, -9.7960, -86.8200



Protanomaly

150.2110, 39.3040, -62.5520



Deuteranomaly

153.8390, 40.9520, -48.3600



Tritanomaly

152.4240, -34.9300, -38.7860

Monochromacy



Original Color

137.1780, -9.7960, -86.8200



Achromatopsia

137.0000, -0.0000, 0.0000



Achromatomaly

136.7500, -3.4330, -31.4090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.1780, -9.7960, -86.8200 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(74, 196, 0)` looks like.

```
.text, #text, p{  
    color:rgb(74, 196, 0)  
}
```

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(74, 196, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 196, 0) }
```

Border

The CSS property to change the border of an element to YIQ 137.1780, -9.7960, -86.8200 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(74, 196, 0) }
```


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

```
.border{ border-color:rgb(74, 196, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 196, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 196, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 196, 0);  
box-shadow:4px 4px 4px 4px rgb(74, 196, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 137.1780, -9.7960, -86.8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 196, 0) }
```

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

```
.background{ background-color: rgb(74, 196,  
0) }
```

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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