

Converting Colors

YIQ(136.8060, -87.2370,
-76.5250)

Have a look what the booklet for
YIQ(136.8060, -87.2370, -76.5250)
contains.

YIQ(136.8060, -87.2370, -76.5250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(136.8060, -87.2370,
-76.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	06D267
RGB	6, 210, 103
RGB Percent	2%, 82%, 40%
CMY	0.9770, 0.1761, 0.5963
CMYK	0.97, 0.00, 0.51, 0.18
HSL	149°, 95%, 42%
HSV	149°, 97%, 82%
XYZ	25.5859, 47.1511, 20.5669
YIQ	136.8060, -87.2370, -76.5250

Conversions

Conversions Part 2

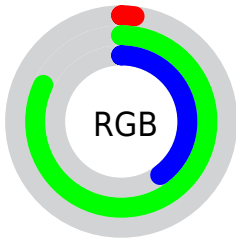
Format	Color
RYB	6, 144, 210
Decimal	447079
CIELab	74.29, -66.32, 40.91
CIELCh	74, 77.927, 148.331
Yxy	47.1511, 0.2742, 0.5054
Android (android.graphics.Color)	4278637159 (0xFF06D267)
YUV	136.8060, -16.6664, -114.7169
Hunter-Lab	68.6667, -53.6559, 30.3083

Details

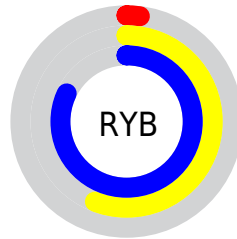
The YIQ color **136.8060, -87.2370, -76.5250** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **79.1940, 87.2370, 76.5250**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.8640, -57.6210, -62.5890**, and **96.3260, -59.0420, -64.3700** is the 20% darker color. If you saturate the color by 10%, you get **134.6700, -89.8500, -78.7300**, and if you desaturate by 10%, it is **144.3390, -78.2520, -68.6520**.

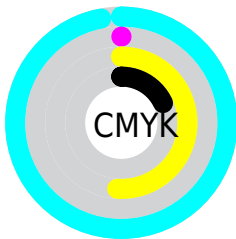
Distribution



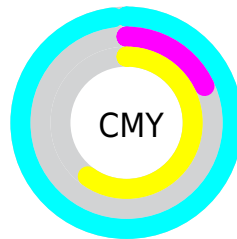
- Red (2%)
- Green (82%)
- Blue (40%)



- Red (2%)
- Yellow (56%)
- Blue (82%)



- Cyan (97%)
- Magenta (0%)
- Yellow (51%)
- Black (18%)



- Cyan (98%)
- Magenta (18%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.8060, -87.2370, -76.5250 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 136.8060, -87.2370, -76.5250 by changing the saturation by 10% instead.

■ 136.8060,
-87.2370, -76.5250

■ 136.8060,
-87.2370, -76.5250

■ 255.0000, -0.0000,
-0.0000

■ 115.6120,
-74.7670, -71.2390

■ 198.8640,
-57.6210, -62.5890

■ 96.3260, -59.0420,
-64.3700

■ 211.5100,
-47.2160, -47.4080

■ 77.5130, -43.2710,
-58.3350

■ 224.2700,
-37.1320, -31.9160

■ 58.7000, -27.5000,
-52.3000

■ 236.8450,
-27.9650, -16.3250

■ 44.0250, -20.6250,
-39.2250

■ 247.8240,
-14.3040, -5.0880

■ 29.9370, -14.0250,
-26.6730

■ 14.0880, -6.6000,

-12.5520

■ 0.0000, 0.0000,
0.0000

■ 136.8060,
-87.2370, -76.5250

■ 136.8060,
-87.2370, -76.5250

■ 134.6700,
-89.8500, -78.7300

■ 144.3390,
-78.2520, -68.6520

■ 151.8720,
-69.2670, -60.7790

■ 159.4050,
-60.2820, -52.9060

■ 166.9380,
-51.2970, -45.0330

■ 174.4710,
-42.3120, -37.1600

■ 182.0040,
-33.3270, -29.2870

■ 189.5370,
-24.3420, -21.4140

■ 197.0700,
-15.3570, -13.5410

■ 204.6030, -6.3720,
-5.6680

Harmonies

Analogous

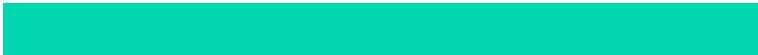
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



165.1800, 23.3940, -60.5580



136.8060, -87.2370, -76.5250



146.2690, -115.6210, -57.7090

Triad

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



136.8060, -87.2370, -76.5250



141.7740, -134.6550, -21.1110



160.2510, 80.7810, 28.3090

Complementary

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



136.8060, -87.2370, -76.5250



79.1940, 87.2370, 76.5250

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.



162.4750, 60.7400, 55.6200



136.8060, -87.2370, -76.5250



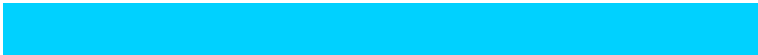
177.6520, -24.1220, 29.6860

Square

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



136.8060, -87.2370, -76.5250



151.7530, -139.3300, -30.0020



182.7990, 33.8250, 64.3290



170.0920, 93.0290, -6.4510

Rectangle

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



136.8060, -87.2370, -76.5250



152.5560, -131.9460, -42.6820



182.7990, 33.8250, 64.3290



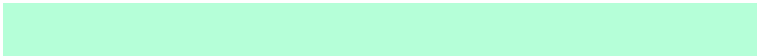
158.7640, 75.3230, 39.1230

Sweetspot

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



136.8060, -87.2370, -76.5250



228.4280, -31.5850, -27.8170



158.3390, 8.8640, -83.5840



111.8090, -19.1160, -17.0040



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.



136.8060, -87.2370, -76.5250



163.4790, -108.9660, -95.7340



148.2060, -119.3370, -45.4250



101.0270, -4.6300, -4.1980



107.7360, -71.8800, -62.9840



26.2330, -17.3740, -15.5340

Inverse Universe

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



79.1940, 87.2370, 76.5250



91.5210, 108.9660, 95.7340



67.7940, 119.3370, 45.4250



97.9730, 4.6300, 4.1980



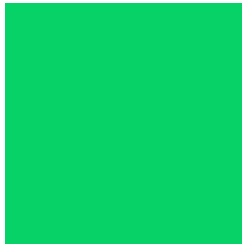
60.2640, 71.8800, 62.9840



14.6530, 17.6950, 15.2230

Previews

White Background



This preview shows how the YIQ color 136.8060, -87.2370, -76.5250 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 136.8060, -87.2370, -76.5250 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 136.8060, -87.2370, -76.5250 Background



This preview shows how black text looks on a background with the YIQ color 136.8060, -87.2370, -76.5250.



This preview shows how white text looks on a background with the YIQ color 136.8060, -87.2370, -76.5250.

-76.5250.

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

136.8060, -87.2370, -76.5250

Protanopia

176.6490, 39.5720, -23.3400

Deuteranopia

179.8000, 46.9970, -9.2190



Tritanopia

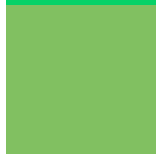
164.8410, -74.8680, -19.8280

Trichromacy



Original Color

136.8060, -87.2370, -76.5250



Protanomaly

162.3330, -7.0530, -42.9010



Deuteranomaly

163.7670, -2.1030, -33.4870



Tritanomaly

154.5560, -79.2200, -40.0840

Monochromacy



Original Color

136.8060, -87.2370, -76.5250



Achromatopsia

137.0000, -0.0000, 0.0000



Achromatomaly

137.1290, -32.1810, -28.0290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.8060, -87.2370, -76.5250 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(6, 210, 103)` looks like.

```
.text, #text, p{  
    color:rgb(6, 210, 103)  
}
```

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(6, 210, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 210, 103) }
```

Border

The CSS property to change the border of an element to YIQ 136.8060, -87.2370, -76.5250 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(6, 210, 103) }
```


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

```
.border{ border-color:rgb(6, 210, 103) }
```

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

Here you see how a box with a 4 pixel rgb(6, 210, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 210, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 210, 103);  
box-shadow:4px 4px 4px 4px rgb(6, 210,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 136.8060, -87.2370, -76.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 210, 103) }
```

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

```
.background{ background-color: rgb(6, 210,  
103) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor