

Converting Colors

YIQ(137.7450, -41.7090,
-75.6370)

Have a look what the booklet for
YIQ(137.7450, -41.7090, -75.6370)
contains.

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Color

**YIQ(137.7450, -41.7090,
-75.6370)**

Conversions

Conversions Part 1

Format	Color
Hex	33C637
RGB	51, 198, 55
RGB Percent	20%, 78%, 22%
CMY	0.8004, 0.2233, 0.7843
CMYK	0.74, 0.00, 0.72, 0.22
HSL	122°, 59%, 49%
HSV	122°, 74%, 78%
XYZ	22.2570, 41.3929, 10.4292
YIQ	137.7450, -41.7090, -75.6370

Conversions

Conversions Part 2

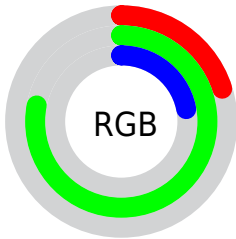
Format	Color
RYB	51, 194, 198
Decimal	3393079
CIELab	70.45, -64.44, 57.54
CIELCh	70, 86.397, 138.238
Yxy	41.3929, 0.3004, 0.5588
Android (android.graphics.Color)	4281583159 (0xFF33C637)
YUV	137.7450, -40.7933, -76.0754
Hunter-Lab	64.3373, -50.8395, 35.4250

Details

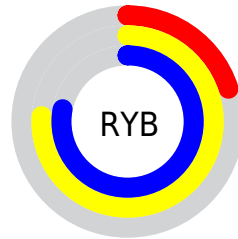
The YIQ color **137.7450, -41.7090, -75.6370** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **111.2550, 41.7090, 75.6370**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **198.1050, -33.9150, -73.7150**, and **83.9410, -39.3250, -74.7890** is the 20% darker color. If you saturate the color by 10%, you get **129.5990, -47.5300, -85.7860**, and if you desaturate by 10%, it is **145.8910, -35.8880, -65.4880**.

Distribution



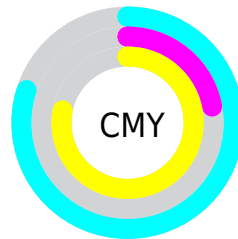
- Red (20%)
- Green (78%)
- Blue (22%)



- Red (20%)
- Yellow (76%)
- Blue (78%)



- Cyan (74%)
- Magenta (0%)
- Yellow (72%)
- Black (22%)



- Cyan (80%)
- Magenta (22%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.7450, -41.7090, -75.6370 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 137.7450, -41.7090, -75.6370 by changing the saturation by 10% instead.

■ 137.7450,
-41.7090, -75.6370

■ 137.7450,
-41.7090, -75.6370

■ 255.0000, -0.0000,
-0.0000

■ 102.4120,
-54.1330, -81.7570

■ 198.1050,
-33.9150, -73.7150

■ 83.9410, -39.3250,
-74.7890

■ 210.4520,
-24.1060, -58.7460

■ 68.0920, -31.9000,
-60.6680

■ 222.6140,
-15.2140, -43.6780

■ 52.8300, -24.7500,
-47.0700

■ 235.0750, -5.7260,
-28.3980

■ 38.1550, -17.8750,
-33.9950

■ 247.3510, 2.8450,
-13.0190

■ 24.0670, -11.2750,
-21.4430

■ 254.6580, 0.9630,

■ 1.7610, -0.8250,

-0.9330

-1.5690

■ 0.0000, 0.0000,
0.0000

■ 137.7450,
-41.7090, -75.6370

■ 137.7450,
-41.7090, -75.6370

■ 129.5990,
-47.5300, -85.7860

■ 145.8910,
-35.8880, -65.4880

■ 121.3390,
-53.0300, -96.2460

■ 154.0370,
-30.0670, -55.3390

■ 116.9100,
-56.3760, -101.6880

■ 161.9980,
-25.1630, -45.0910

■ 170.1440,
-19.3420, -34.9420

■ 178.2900,
-13.5210, -24.7930

 186.5500, -8.0210,
-14.3330

 194.6960, -2.2000,
-4.1840

 202.5430, 3.0250,
5.7530

 210.6890, 8.8460,
15.9020

Harmonies

Analogous

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



155.8590, 46.2270, -61.3650



137.7450, -41.7090, -75.6370



136.0670, -100.6730, -64.2970

Triad

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



137.7450, -41.7090, -75.6370



141.1870, -134.3800, -20.5880



141.3190, 87.2420, 48.8900

Complementary

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



137.7450, -41.7090, -75.6370



111.2550, 41.7090, 75.6370

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.



151.4990, 61.3330, 72.4130



137.7450, -41.7090, -75.6370



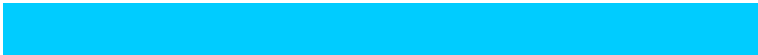
152.5360, -74.1860, 11.8780

Square

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



137.7450, -41.7090, -75.6370



148.8180, -137.9550, -27.3870



173.5850, 22.6840, 62.4920



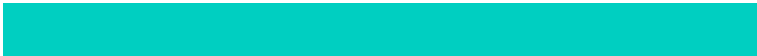
154.0150, 101.0960, 7.0480

Rectangle

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



137.7450, -41.7090, -75.6370



143.5110, -118.8780, -48.2380



173.5850, 22.6840, 62.4920



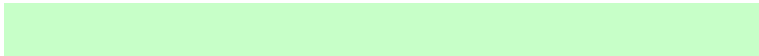
141.3480, 80.2710, 59.5910

Sweetspot

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



137.7450, -41.7090, -75.6370



231.9860, -15.7210, -28.9770



180.6440, 45.9950, -46.1410



114.0720, -9.6710, -17.4710



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.



137.7450, -41.7090, -75.6370



161.9330, -64.3510, -116.8550



145.9530, -64.8210, -53.2450



95.2830, -2.4750, -4.7070



96.2510, -46.4300, -83.6940



21.2460, -10.2210, -18.5170

Inverse Universe

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



111.2550, 41.7090, 75.6370



121.0670, 64.3510, 116.8550



103.0470, 64.8210, 53.2450



93.7170, 2.4750, 4.7070



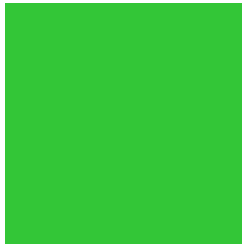
66.8630, 46.1090, 84.0050



14.7540, 10.2210, 18.5170

Previews

White Background



This preview shows how the YIQ color 137.7450, -41.7090, -75.6370 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 137.7450, -41.7090, -75.6370 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 137.7450, -41.7090, -75.6370 Background



This preview shows how black text looks on a background with the YIQ color 137.7450, -41.7090, -75.6370.



This preview shows how white text looks on a background with the YIQ color 137.7450, -41.7090, -75.6370.

-75.6370.

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

137.7450, -41.7090, -75.6370

Protanopia

163.2570, 51.9990, -33.8010

Deuteranopia

166.2340, 59.9740, -18.6340



Tritanopia

159.2020, -59.6470, -14.8390

Trichromacy



Original Color

137.7450, -41.7090, -75.6370



Protanomaly

154.2200, 17.8900, -48.9100



Deuteranomaly

155.6540, 22.8400, -39.4960



Tritanomaly

151.6100, -52.9490, -37.1170

Monochromacy



Original Color

137.7450, -41.7090, -75.6370



Achromatopsia

138.0000, -0.0000, -0.0000



Achromatomaly

137.9260, -15.4920, -27.6200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.7450, -41.7090, -75.6370 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(51, 198, 55)` looks like.

```
.text, #text, p{  
    color:rgb(51, 198, 55)  
}
```

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(51, 198, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 198, 55) }
```

Border

The CSS property to change the border of an element to YIQ 137.7450, -41.7090, -75.6370 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(51, 198, 55) }
```


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

```
.border{ border-color:rgb(51, 198, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 198, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 198, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 198, 55);  
box-shadow:4px 4px 4px 4px rgb(51, 198,  
55) }
```

Background

The CSS property to change the background color of an element to YIQ 137.7450, -41.7090, -75.6370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 198, 55) }
```

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

```
.background{ background-color: rgb(51, 198,  
55) }
```

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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