

Converting Colors

YIQ(140.7870, -41.5270,
-67.9190)

Have a look what the booklet for
YIQ(140.7870, -41.5270, -67.9190)
contains.

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Color

**YIQ(140.7870, -41.5270,
-67.9190)**

Conversions

Conversions Part 1

Format	Color
Hex	3BC447
RGB	59, 196, 71
RGB Percent	23%, 77%, 28%
CMY	0.7690, 0.2311, 0.7216
CMYK	0.70, 0.00, 0.64, 0.23
HSL	125°, 54%, 50%
HSV	125°, 70%, 77%
XYZ	22.6872, 40.8871, 12.6546
YIQ	140.7870, -41.5270, -67.9190

Conversions

Conversions Part 2

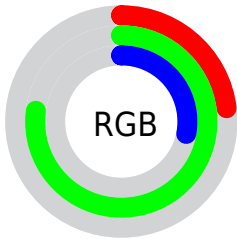
Format	Color
RYB	59, 185, 196
Decimal	3916871
CIELab	70.10, -60.95, 50.84
CIElCh	70, 79.369, 140.166
Yxy	40.8871, 0.2976, 0.5364
Android (android.graphics.Color)	4282106951 (0xFF3BC447)
YUV	140.7870, -34.4050, -71.7272
Hunter-Lab	63.9430, -48.5679, 33.0264

Details

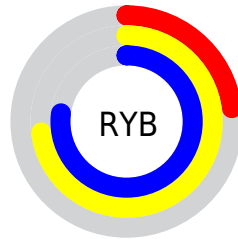
The YIQ color **140.7870, -41.5270, -67.9190** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **114.2130, 41.5270, 67.9190**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.3100, -35.7500, -67.9900**, and **84.0210, -42.3060, -70.3220** is the 20% darker color. If you saturate the color by 10%, you get **132.7550, -47.6690, -77.7570**, and if you desaturate by 10%, it is **148.8190, -35.3850, -58.0810**.

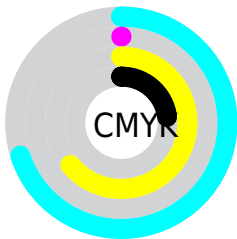
Distribution



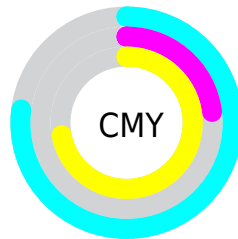
- Red (23%)
- Green (77%)
- Blue (28%)



- Red (23%)
- Yellow (73%)
- Blue (77%)



- Cyan (70%)
- Magenta (0%)
- Yellow (64%)
- Black (23%)



- Cyan (77%)
- Magenta (23%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.7870, -41.5270, -67.9190 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 140.7870, -41.5270, -67.9190 by changing the saturation by 10% instead.

■ 140.7870,
-41.5270, -67.9190

■ 140.7870,
-41.5270, -67.9190

■ 255.0000, -0.0000,
-0.0000

■ 103.6320,
-60.3240, -74.1800

■ 200.3100,
-35.7500, -67.9900

■ 84.0210, -42.3060,
-70.3220

■ 212.9450,
-26.8120, -53.7560

■ 66.9180, -31.3500,
-59.6220

■ 225.1070,
-17.9200, -38.6880

■ 51.6560, -24.2000,
-46.0240

■ 237.2690, -9.0280,
-23.6200

■ 36.9810, -17.3250,
-32.9490

■ 249.8440, 0.1390,
-8.0290

■ 23.4800, -11.0000,
-20.9200

■ 0.5870, -0.2750,

-0.5230

■ 0.0000, 0.0000,
0.0000

■ 140.7870,
-41.5270, -67.9190

■ 140.7870,
-41.5270, -67.9190

■ 132.7550,
-47.6690, -77.7570

■ 148.8190,
-35.3850, -58.0810

■ 125.0220,
-53.2150, -87.3830

■ 156.5520,
-29.8390, -48.4550

■ 116.9900,
-59.3570, -97.2210

■ 164.5840,
-23.6970, -38.6170

■ 172.2030,
-17.8300, -29.3020

■ 180.2350,
-11.6880, -19.4640

■ 188.2670, -5.5460,
-9.6260

■ 196.0000, -0.0000,
-0.0000

■ 204.0320, 6.1420,
9.8380

■ 211.7650, 11.6880,
19.4640

Harmonies

Analogous

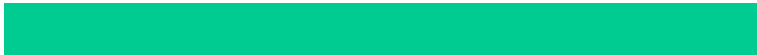
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



154.3750, 44.7140, -61.4780



140.7870, -41.5270, -67.9190



135.5770, -102.0490, -61.3850

Triad

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



140.7870, -41.5270, -67.9190



138.8390, -133.2800, -18.4960



148.7220, 84.3090, 41.4690

Complementary

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



140.7870, -41.5270, -67.9190



114.2130, 41.5270, 67.9190

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.



156.3430, 61.4720, 64.3840



140.7870, -41.5270, -67.9190



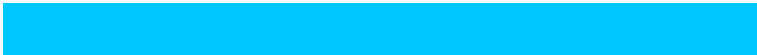
159.1470, -56.6730, 19.3830

Square

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



140.7870, -41.5270, -67.9190



146.4700, -136.8550, -25.2950



174.1720, 22.4090, 61.9690



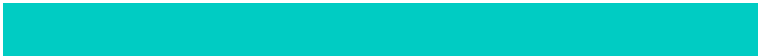
158.2210, 97.5200, 5.7760

Rectangle

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



140.7870, -41.5270, -67.9190



141.9780, -118.6950, -46.0470



174.1720, 22.4090, 61.9690



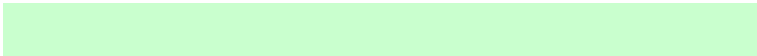
148.5230, 77.9800, 51.5480

Sweetspot

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



140.7870, -41.5270, -67.9190



233.2680, -16.4550, -26.6870



177.0930, 37.4210, -44.9390



115.0120, -9.4420, -16.1140



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.



140.7870, -41.5270, -67.9190



168.7840, -64.9490, -106.0130



148.5390, -63.3550, -46.7710



92.9840, -3.0710, -4.9190



96.1030, -48.7690, -79.8490



19.7130, -10.0380, -16.3260

Inverse Universe

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



114.2130, 41.5270, 67.9190



127.2160, 64.9490, 106.0130



106.4610, 63.3550, 46.7710



91.0160, 3.0710, 4.9190



64.7830, 49.0900, 79.5380



13.2870, 10.0380, 16.3260

Previews

White Background



This preview shows how the YIQ color 140.7870, -41.5270, -67.9190 looks on a white background.

Color Contrast Check

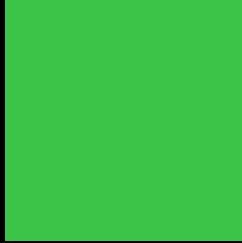
Large Text (above 18pt) WCAG AA × Fail

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 140.7870, -41.5270, -67.9190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

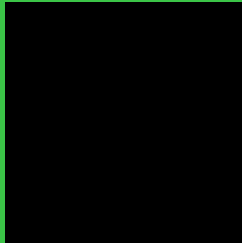
Any Text WCAG AA ✓ Pass

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 140.7870, -41.5270, -67.9190 Background



This preview shows how black text looks on a background with the YIQ color 140.7870, -41.5270, -67.9190.



This preview shows how white text looks on a background with the YIQ color 140.7870, -41.5270, -67.9190.

-67.9190.

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

140.7870, -41.5270, -67.9190

Protanopia

163.8960, 45.9460, -28.7260

Deuteranopia

167.2320, 54.2880, -14.7040



Tritanopia

159.2840, -56.9420, -14.3020

Trichromacy



Original Color

140.7870, -41.5270, -67.9190



Protanomaly

155.1690, 13.9000, -42.6760



Deuteranomaly

157.3750, 19.4920, -33.8840



Tritanomaly

152.5010, -51.0240, -33.4560

Monochromacy



Original Color

140.7870, -41.5270, -67.9190



Achromatopsia

141.0000, -0.0000, -0.0000



Achromatomaly

140.9200, -15.3550, -24.5950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.7870, -41.5270, -67.9190 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(59, 196, 71)` looks like.

```
.text, #text, p{  
    color:rgb(59, 196, 71)  
}
```

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(59, 196, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 196, 71) }
```

Border

The CSS property to change the border of an element to YIQ 140.7870, -41.5270, -67.9190 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(59, 196, 71) }
```


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

```
.border{ border-color:rgb(59, 196, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 196, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 196, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 196, 71);  
box-shadow:4px 4px 4px 4px rgb(59, 196,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 140.7870, -41.5270, -67.9190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 196, 71) }
```

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

```
.background{ background-color: rgb(59, 196,  
71) }
```

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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