

Converting Colors

YIQ(139.9770, -37.8650,
-35.1530)

Have a look what the booklet for
YIQ(139.9770, -37.8650, -35.1530)
contains.

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Color

**YIQ(139.9770, -37.8650,
-35.1530)**

Conversions

Conversions Part 1

Format	Color
Hex	52AD7A
RGB	82, 173, 122
RGB Percent	32%, 68%, 48%
CMY	0.6787, 0.3214, 0.5217
CMYK	0.53, 0.00, 0.30, 0.32
HSL	146°, 36%, 50%
HSV	146°, 53%, 68%
XYZ	21.9362, 33.0972, 23.6354
YIQ	139.9770, -37.8650, -35.1530

Conversions

Conversions Part 2

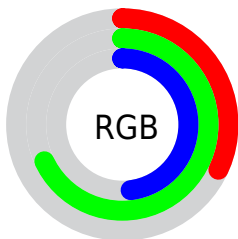
Format	Color
RYB	82, 145, 173
Decimal	5418362
CIELab	64.24, -39.16, 18.15
CIELCh	64, 43.162, 155.139
Yxy	33.0972, 0.2788, 0.4207
Android (android.graphics.Color)	4283608442 (0xFF52AD7A)
YUV	139.9770, -8.8627, -50.8458
Hunter-Lab	57.5302, -32.6161, 15.9127

Details

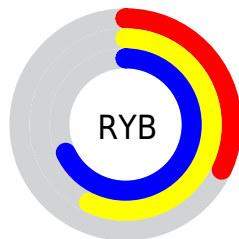
The YIQ color **139.9770, -37.8650, -35.1530** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **115.0230, 37.8650, 35.1530**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.3360, -37.4980, -36.2980**, and **84.1440, -45.7050, -36.2410** is the 20% darker color. If you saturate the color by 10%, you get **133.7540, -44.7870, -41.8670**, and if you desaturate by 10%, it is **146.2000, -30.9430, -28.4390**.

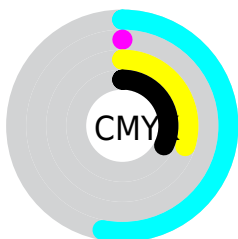
Distribution



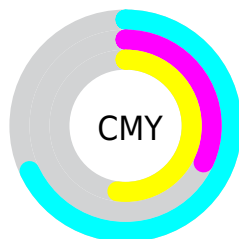
- Red (32%)
- Green (68%)
- Blue (48%)



- Red (32%)
- Yellow (57%)
- Blue (68%)



- Cyan (53%)
- Magenta (0%)
- Yellow (30%)
- Black (32%)



- Cyan (68%)
- Magenta (32%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.9770, -37.8650, -35.1530 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 139.9770, -37.8650, -35.1530 by changing the saturation by 10% instead.

■ 139.9770,
-37.8650, -35.1530

■ 139.9770,
-37.8650, -35.1530

■ 255.0000, -0.0000,
-0.0000

■ 112.6070,
-39.6990, -34.9550

■ 195.3360,
-37.4980, -36.2980

■ 84.1440, -45.7050,
-36.2410

■ 222.0480,
-36.6270, -35.5630

■ 60.8780, -41.9000,
-33.6120

■ 233.9110,
-28.3310, -20.7070

■ 44.2820, -28.2380,
-27.9020

■ 245.4320,
-19.0720, -6.7840

■ 28.1590, -14.5300,
-23.0260

■ 254.1030, -1.7880,
-0.6360

■ 13.5010, -6.3250,
-12.0290

■ 0.0000, 0.0000,

0.0000

■ 139.9770,
-37.8650, -35.1530

■ 139.9770,
-37.8650, -35.1530

■ 133.7540,
-44.7870, -41.8670

■ 146.2000,
-30.9430, -28.4390

■ 127.3460,
-52.6260, -48.4820

■ 152.6080,
-23.1040, -21.8240

■ 121.1230,
-59.5480, -55.1960

■ 158.8310,
-16.1820, -15.1100

■ 114.9000,
-66.4700, -61.9100

■ 165.0540, -9.2600,
-8.3960

■ 110.2150,
-71.9710, -66.8430

■ 171.1630, -2.0170,
-1.9930

■ 177.6850, 5.5010,
4.9330

■ 183.9080, 12.4230,
11.6470

■ 190.1310, 19.3450,
18.3610

■ 196.5390, 27.1840,
24.9760

Harmonies

Analogous

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



147.2840, 3.8110, -30.5330



139.9770, -37.8650, -35.1530



121.6660, -100.0810, -41.9770

Triad

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



139.9770, -37.8650, -35.1530



150.0020, -55.0670, 12.3010



155.8800, 62.3520, 15.3760

Complementary

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



139.9770, -37.8650, -35.1530



115.0230, 37.8650, 35.1530

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.



158.1740, 53.3170, 30.4450



139.9770, -37.8650, -35.1530



159.1390, -9.4960, 28.9360

Square

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



139.9770, -37.8650, -35.1530



124.2660, -118.4250, -17.8890



160.3470, 28.1450, 35.0970



154.4530, 55.5240, -4.0600

Rectangle

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



139.9770, -37.8650, -35.1530



124.0430, -108.1520, -33.3680



160.3470, 28.1450, 35.0970



156.3840, 61.1130, 21.3130

Sweetspot

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



139.9770, -37.8650, -35.1530



210.9560, -15.0360, -13.8520



150.9650, 5.9670, -36.5690



104.3530, -8.6640, -8.1840



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



139.9770, -37.8650, -35.1530



172.8350, -58.6770, -54.4610



145.1070, -52.3100, -21.1580



83.7390, -3.7590, -3.4630



95.5740, -62.4360, -57.9240



14.6410, -9.5350, -8.9190

Inverse Universe

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



115.0230, 37.8650, 35.1530



134.1650, 58.6770, 54.4610



109.8930, 52.3100, 21.1580



81.2610, 3.7590, 3.4630



54.4260, 62.4360, 57.9240



8.3590, 9.5350, 8.9190

Previews

White Background



This preview shows how the YIQ color 139.9770, -37.8650, -35.1530 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 139.9770, -37.8650, -35.1530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

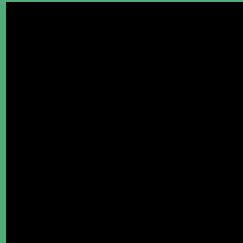
Any Text WCAG AA ✓ Pass

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 139.9770, -37.8650, -35.1530 Background



This preview shows how black text looks on a background with the YIQ color 139.9770, -37.8650, -35.1530.



This preview shows how white text looks on a background with the YIQ color 139.9770, -37.8650, -35.1530.

-35.1530.

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

139.9770, -37.8650, -35.1530

Protanopia

153.6150, 19.7170, -10.4190

Deuteranopia

155.4620, 24.9420, -0.4820



Tritanopia

147.1500, -44.7010, -10.3730

Trichromacy



Original Color

139.9770, -37.8650, -35.1530

Protanomaly

148.7970, -1.6470, -19.7190

Deuteranomaly

150.0520, 2.2490, -13.2310

Tritanomaly

144.7230, -42.3610, -19.7450

Monochromacy



Original Color

139.9770, -37.8650, -35.1530

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.9670, -13.5690, -12.9050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.9770, -37.8650, -35.1530 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(82, 173, 122)` looks like.

```
.text, #text, p{  
    color:rgb(82, 173, 122)  
}
```

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(82, 173, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 173, 122) }
```

Border

The CSS property to change the border of an element to YIQ 139.9770, -37.8650, -35.1530 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(82, 173, 122) }
```


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

```
.border{ border-color:rgb(82, 173, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 173, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 173, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 173, 122);  
box-shadow:4px 4px 4px 4px rgb(82, 173,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 139.9770, -37.8650, -35.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 173, 122) }
```

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

```
.background{ background-color: rgb(82, 173,  
122) }
```

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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