

Converting Colors

YIQ(147.8010, -61.3370,
-50.3050)

Have a look what the booklet for
YIQ(147.8010, -61.3370, -50.3050)
contains.

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Color

**YIQ(147.8010, -61.3370,
-50.3050)**

Conversions

Conversions Part 1

Format	Color
Hex	3AC582
RGB	58, 197, 130
RGB Percent	23%, 77%, 51%
CMY	0.7729, 0.2272, 0.4904
CMYK	0.71, 0.00, 0.34, 0.23
HSL	151°, 55%, 50%
HSV	151°, 71%, 77%
XYZ	25.7449, 42.4661, 27.9418
YIQ	147.8010, -61.3370, -50.3050

Conversions

Conversions Part 2

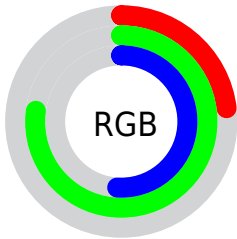
Format	Color
RYB	58, 150, 197
Decimal	3851650
CIELab	71.19, -52.31, 23.23
CIELCh	71, 57.241, 156.052
Yxy	42.4661, 0.2677, 0.4417
Android (android.graphics.Color)	4282041730 (0xFF3AC582)
YUV	147.8010, -8.7759, -78.7555
Hunter-Lab	65.1660, -43.5212, 20.1939

Details

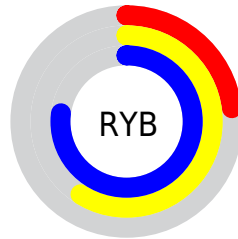
The YIQ color **147.8010, -61.3370, -50.3050** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **107.1990, 61.3370, 50.3050**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **207.0250, -56.1560, -50.5880**, and **92.4740, -64.7300, -49.3860** is the 20% darker color. If you saturate the color by 10%, you get **140.6810, -70.0470, -57.6550**, and if you desaturate by 10%, it is **154.8070, -52.3060, -43.2660**.

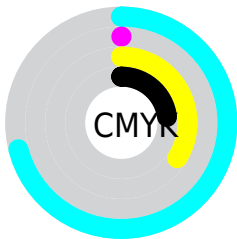
Distribution



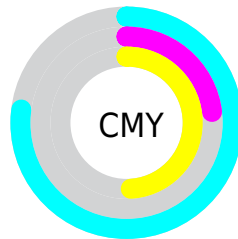
- Red (23%)
- Green (77%)
- Blue (51%)



- Red (23%)
- Yellow (59%)
- Blue (77%)



- Cyan (71%)
- Magenta (0%)
- Yellow (34%)
- Black (23%)



- Cyan (77%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.8010, -61.3370, -50.3050 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 147.8010, -61.3370, -50.3050 by changing the saturation by 10% instead.

■ 147.8010,
-61.3370, -50.3050

■ 147.8010,
-61.3370, -50.3050

■ 255.0000, -0.0000,
-0.0000

■ 111.4720,
-79.5840, -55.5200

■ 207.0250,
-56.1560, -50.5880

■ 92.4740, -64.7300,
-49.3860

■ 219.1870,
-47.2640, -35.5200

■ 74.5900, -50.1970,
-42.9410

■ 231.3490,
-38.3720, -20.4520

■ 56.7060, -35.6640,
-36.4960

■ 242.1430,
-25.6280, -9.1160

■ 39.5230, -21.7270,
-30.2630

■ 251.1130, -7.7480,
-2.7560

■ 25.2410, -11.8250,
-22.4890

■ 4.6960, -2.2000,

-4.1840

■ 0.0000, 0.0000,
0.0000

■ 147.8010,
-61.3370, -50.3050

■ 147.8010,
-61.3370, -50.3050

■ 140.6810,
-70.0470, -57.6550

■ 154.8070,
-52.3060, -43.2660

■ 133.6750,
-79.0780, -64.6940

■ 161.6280,
-44.1920, -36.1280

■ 127.2670,
-86.9170, -71.3090

■ 168.6340,
-35.1610, -29.0890

■ 175.7540,
-26.4510, -21.7390

■ 182.4610,
-18.0160, -14.9120

■ 189.5810, -9.3060,
-7.5620

■ 196.5870, -0.2750,
-0.5230

■ 203.7070, 8.4350,
6.8270

■ 210.4140, 16.8700,
13.6540

Harmonies

Analogous

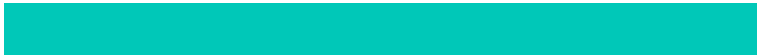
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162.3080, 3.2630, -42.6330



147.8010, -61.3370, -50.3050



138.3760, -114.0640, -47.3760

Triad

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



147.8010, -61.3370, -50.3050



160.7870, -73.6350, 7.3970



169.8880, 77.0690, 18.4850

Complementary

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



147.8010, -61.3370, -50.3050



107.1990, 61.3370, 50.3050

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.



170.3050, 63.4940, 38.7420



147.8010, -61.3370, -50.3050



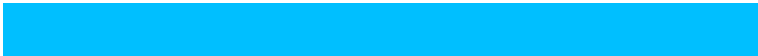
177.7510, -10.9190, 38.2090

Square

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



147.8010, -61.3370, -50.3050



141.1870, -134.3800, -20.5880



178.5370, 39.8340, 49.0340



171.3270, 73.3140, -7.0860

Rectangle

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



147.8010, -61.3370, -50.3050



142.3660, -125.2990, -36.4910



178.5370, 39.8340, 49.0340



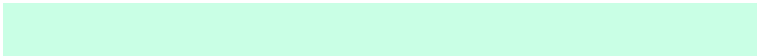
169.2500, 73.3540, 25.2420

Sweetspot

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



147.8010, -61.3370, -50.3050



235.8900, -23.8380, -19.5340



159.6260, 1.7070, -58.4930



116.6080, -13.9360, -11.7600



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.



147.8010, -61.3370, -50.3050



178.1470, -95.6270, -78.6590



154.2650, -82.2940, -28.4220



95.8530, -4.0800, -3.1520



105.2570, -71.7890, -59.1250



23.1840, -15.6780, -13.2300

Inverse Universe

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



107.1990, 61.3370, 50.3050



114.8530, 95.6270, 78.6590



100.7350, 82.2940, 28.4220



93.1470, 4.0800, 3.1520



57.7430, 71.7890, 59.1250



12.7020, 15.9990, 12.9190

Previews

White Background



This preview shows how the YIQ color 147.8010, -61.3370, -50.3050 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 147.8010, -61.3370, -50.3050 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 147.8010, -61.3370, -50.3050 Background



This preview shows how black text looks on a background with the YIQ color 147.8010, -61.3370, -50.3050.



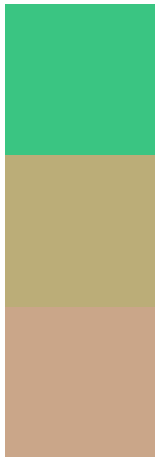
This preview shows how white text looks on a background with the YIQ color 147.8010, -61.3370, -50.3050.

-50.3050.

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

147.8010, -61.3370, -50.3050

Protanopia

171.1440, 25.3570, -13.5150

Deuteranopia

173.4580, 30.7650, -1.3870



Tritanopia

159.5110, -65.0110, -16.7470

Trichromacy



Original Color

147.8010, -61.3370, -50.3050



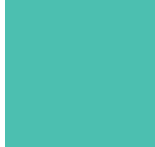
Protanomaly

162.8300, -6.4140, -26.9420



Deuteranomaly

164.0250, -2.2890, -19.0970



Tritanomaly

154.9050, -63.7250, -29.0450

Monochromacy



Original Color

147.8010, -61.3370, -50.3050



Achromatopsia

148.0000, -0.0000, 0.0000



Achromatomaly

147.9010, -22.3710, -18.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.8010, -61.3370, -50.3050 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(58, 197, 130)` looks like.

```
.text, #text, p{  
    color:rgb(58, 197, 130)  
}
```

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(58, 197, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 197, 130) }
```

Border

The CSS property to change the border of an element to YIQ 147.8010, -61.3370, -50.3050 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(58, 197, 130) }
```


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

```
.border{ border-color:rgb(58, 197, 130) }
```

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

Here you see how a box with a 4 pixel rgb(58, 197, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 197, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 197, 130);  
box-shadow:4px 4px 4px 4px rgb(58, 197,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 147.8010, -61.3370, -50.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 197, 130) }
```

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

```
.background{ background-color: rgb(58, 197,  
130) }
```

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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