

Converting Colors

YIQ(174.3330, 36.5050,
-50.3670)

Have a look what the booklet for
YIQ(174.3330, 36.5050, -50.3670)
contains.

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Color

**YIQ(174.3330, 36.5050,
-50.3670)**

Conversions

Conversions Part 1

Format	Color
Hex	B2C530
RGB	178, 197, 48
RGB Percent	70%, 77%, 19%
CMY	0.3021, 0.2274, 0.8115
CMYK	0.10, 0.00, 0.76, 0.23
HSL	68°, 61%, 48%
HSV	68°, 76%, 77%
XYZ	38.8549, 49.6107, 10.3315
YIQ	174.3330, 36.5050, -50.3670

Conversions

Conversions Part 2

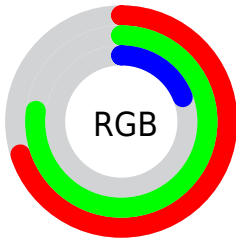
Format	Color
RYB	48, 197, 67
Decimal	11715888
CIELab	75.83, -24.73, 67.11
CIELCh	76, 71.519, 110.233
Yxy	49.6107, 0.3933, 0.5021
Android (android.graphics.Color)	4289905968 (0xFFB2C530)
YUV	174.3330, -62.2822, 3.2160
Hunter-Lab	70.4349, -24.7928, 40.6077

Details

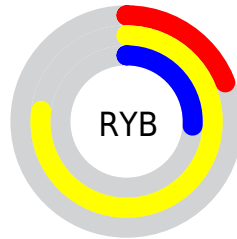
The YIQ color **174.3330, 36.5050, -50.3670** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **70.6670, -36.5050, 50.3670**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.0450, 37.3760, -49.6320**, and **120.1200, 32.7910, -49.1370** is the 20% darker color. If you saturate the color by 10%, you get **171.1560, 41.1370, -57.2230**, and if you desaturate by 10%, it is **177.2110, 31.2770, -43.7230**.

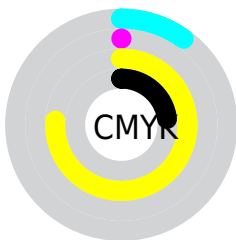
Distribution



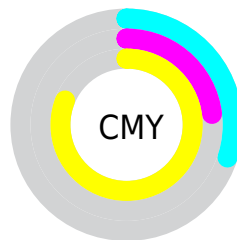
- Red (70%)
- Green (77%)
- Blue (19%)



- Red (19%)
- Yellow (77%)
- Blue (26%)



- Cyan (10%)
- Magenta (0%)
- Yellow (76%)
- Black (23%)



- Cyan (30%)
- Magenta (23%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.3330, 36.5050, -50.3670 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 174.3330, 36.5050, -50.3670 by changing the saturation by 10% instead.

■ 174.3330, 36.5050,
-50.3670

■ 174.3330, 36.5050,
-50.3670

■ 255.0000, -0.0000,
-0.0000

■ 144.9110, 40.4490,
-55.7670

■ 232.0450, 37.3760,
-49.6320

■ 120.1200, 32.7910,
-49.1370

■ 241.2060, 38.8410,
-37.6310

■ 97.3720, 23.5740,
-41.7860

■ 244.3980, 29.8530,
-28.9230

■ 74.6240, 14.3570,
-34.4350

■ 247.5900, 20.8650,
-20.2150

■ 52.1640, 4.2690,
-27.8190

■ 250.8960, 11.5560,
-11.1960

■ 30.8780, -6.3690,
-22.2490

■ 254.3160, 1.9260,

■ 17.0230, -7.9750,

-1.8660

-15.1670

■ 0.0000, 0.0000,
0.0000

■ 174.3330, 36.5050,
-50.3670

■ 174.3330, 36.5050,
-50.3670

■ 171.1560, 41.1370,
-57.2230

■ 177.2110, 31.2770,
-43.7230

■ 168.3920, 46.0440,
-63.5560

■ 180.2740, 26.9660,
-37.1780

■ 167.0670, 48.3370,
-66.5670

■ 183.4510, 22.3340,
-30.3220

■ 186.3290, 17.1060,
-23.6780

■ 189.5060, 12.4740,
-16.8220

■ 192.2700, 7.5670,
-10.4890

■ 195.4470, 2.9350,
-3.6330

■ 198.3250, -2.2930,
3.0110

■ 201.3880, -6.6040,
9.5560

Harmonies

Analogous

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



179.7890, 79.9200, -27.6960



174.3330, 36.5050, -50.3670



163.0320, -31.6710, -59.3110

Triad

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



174.3330, 36.5050, -50.3670



154.6880, -140.7050, -32.6170



174.8480, 49.3240, 53.2600

Complementary

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



174.3330, 36.5050, -50.3670



70.6670, -36.5050, 50.3670

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.



190.6740, 23.5110, 53.0070



174.3330, 36.5050, -50.3670



147.0570, -137.1300, -25.8180

Square

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



174.3330, 36.5050, -50.3670



154.3000, -134.1010, -42.1730



177.5090, -43.1930, 17.3750



167.3240, 70.5100, 32.7340

Rectangle

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



174.3330, 36.5050, -50.3670



142.1650, -104.0650, -68.9050



177.5090, -43.1930, 17.3750



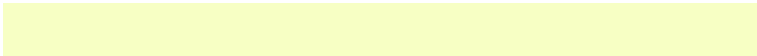
180.8780, 40.6120, 56.9640

Sweetspot

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



174.3330, 36.5050, -50.3670



245.8820, 14.1710, -20.0450



102.5300, 84.1290, 22.6970



122.4010, 8.5760, -12.2560



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.



174.3330, 36.5050, -50.3670



219.5820, 56.5920, -78.5120



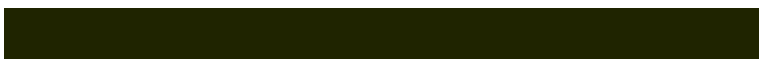
152.5060, -7.0030, -65.8430



97.6750, 2.2930, -3.0110



138.1390, 39.8070, -55.1450



30.4010, 8.5760, -12.2560

Inverse Universe

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



70.6670, -36.5050, 50.3670



58.4180, -56.5920, 78.5120



92.4940, 7.0030, 65.8430



91.3250, -2.2930, 3.0110



24.8610, -39.8070, 55.1450



5.5990, -8.5760, 12.2560

Previews

White Background



This preview shows how the YIQ color 174.3330, 36.5050, -50.3670 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 174.3330, 36.5050, -50.3670 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 174.3330, 36.5050, -50.3670

Background



This preview shows how black text looks on a background with the YIQ color 174.3330, 36.5050, -50.3670.



This preview shows how white text looks on a background with the YIQ color 174.3330, 36.5050, -50.3670.

-50.3670.

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

174.3330, 36.5050, -50.3670

Protanopia

177.8030, 58.9690, -38.9750

Deuteranopia

180.3630, 72.4920, -25.2360



Tritanopia

187.9880, 0.2740, 6.0500

Trichromacy



Original Color

174.3330, 36.5050, -50.3670

Protanomaly

176.6770, 50.3960, -43.3000

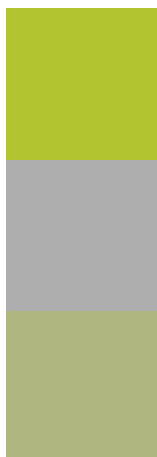
Deuteranomaly

178.1500, 59.6100, -34.0700

Tritanomaly

183.1580, 13.5740, -14.7300

Monochromacy



Original Color

174.3330, 36.5050, -50.3670

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

173.7510, 13.1620, -18.2780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.3330, 36.5050, -50.3670 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(178, 197, 48)` looks like.

```
.text, #text, p{  
    color:rgb(178, 197, 48)  
}
```

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(178, 197, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 197, 48) }
```

Border

The CSS property to change the border of an element to YIQ 174.3330, 36.5050, -50.3670 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(178, 197, 48) }
```


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

```
.border{ border-color:rgb(178, 197, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 197, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 197, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 197, 48);  
box-shadow:4px 4px 4px 4px rgb(178, 197,  
48) }
```

Background

The CSS property to change the background color of an element to YIQ 174.3330, 36.5050, -50.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 197, 48) }
```

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

```
.background{ background-color: rgb(178,  
197, 48) }
```

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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