

Converting Colors

YIQ(213.0670, 13.9470,
-49.0370)

Have a look what the booklet for
YIQ(213.0670, 13.9470, -49.0370)
contains.

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Color

**YIQ(213.0670, 13.9470,
-49.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	C4F172
RGB	196, 241, 114
RGB Percent	77%, 95%, 45%
CMY	0.2316, 0.0548, 0.5528
CMYK	0.19, 0.00, 0.53, 0.05
HSL	81°, 82%, 70%
HSV	81°, 53%, 95%
XYZ	57.2529, 75.8668, 27.5575
YIQ	213.0670, 13.9470, -49.0370

Conversions

Conversions Part 2

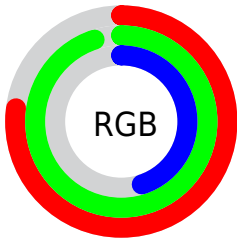
Format	Color
RYB	114, 241, 159
Decimal	12906866
CIELab	89.80, -33.75, 55.90
CIElCh	90, 65.300, 121.125
Yxy	75.8668, 0.3563, 0.4722
Android (android.graphics.Color)	4291096946 (0xFFC4F172)
YUV	213.0670, -48.8400, -14.9678
Hunter-Lab	87.1015, -35.0975, 42.2127

Details

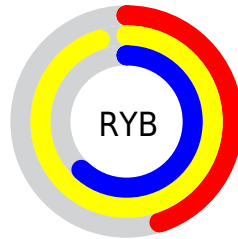
The YIQ color **213.0670, 13.9470, -49.0370** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **141.9330, -13.9470, 49.0370**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **245.1960, 27.6060, -26.7460**, and **157.2950, 13.3050, -48.4150** is the 20% darker color. If you saturate the color by 10%, you get **207.6400, 16.2870, -58.4090**, and if you desaturate by 10%, it is **218.4940, 11.6070, -39.6650**.

Distribution



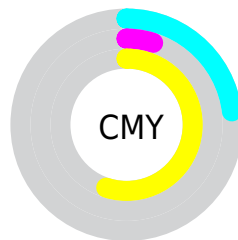
- Red (77%)
- Green (95%)
- Blue (45%)



- Red (45%)
- Yellow (95%)
- Blue (62%)



- Cyan (19%)
- Magenta (0%)
- Yellow (53%)
- Black (5%)



- Cyan (23%)
- Magenta (5%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.0670, 13.9470, -49.0370 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 213.0670, 13.9470, -49.0370 by changing the saturation by 10% instead.

213.0670, 13.9470,
-49.0370

213.0670, 13.9470,
-49.0370

255.0000, -0.0000,
-0.0000

184.8820, 13.0300,
-48.9380

245.1960, 27.6060,
-26.7460

157.2950, 13.3050,
-48.4150

248.3880, 18.6180,
-18.0380

129.7680, 13.3510,
-49.2490

251.6940, 9.3090,
-9.0190

102.3120, 14.6350,
-50.4930

79.5640, 5.4180,
-43.1420

56.8160, -3.7990,
-35.7910

34.0460, -15.9500,

-30.3340

■ 21.7190, -10.1750,
-19.3510

■ 0.0000, 0.0000,
0.0000

■ 213.0670, 13.9470,
-49.0370

■ 213.0670, 13.9470,
-49.0370

■ 207.6400, 16.2870,
-58.4090

■ 218.4940, 11.6070,
-39.6650

■ 202.5120, 19.2230,
-67.5690


■ 223.6220, 8.6710,
-30.5050


■ 197.0850, 21.5630,
-76.9410

■ 229.0490, 6.3310,
-21.1330


■ 191.9570, 24.4990,
-86.1010

■ 234.1770, 3.3950,
-11.9730

 187.8120, 26.1050,
-93.1830

 239.7180, 0.7340,
-2.2900

 244.3900, -0.9180,
5.6260

 246.7820, 3.8500,
7.3220

Harmonies

Analogous

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



218.0900, 59.8390, -32.7130



213.0670, 13.9470, -49.0370



200.2930, -54.2750, -57.1470

Triad

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



213.0670, 13.9470, -49.0370



174.6460, -150.0550, -50.3990



202.9730, 32.1340, 34.3900

Complementary

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



213.0670, 13.9470, -49.0370



141.9330, -13.9470, 49.0370

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.



213.9100, 19.2500, 36.6100



213.0670, 13.9470, -49.0370



198.4430, -79.4990, -18.4990

Square

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



213.0670, 13.9470, -49.0370



178.7550, -151.9800, -54.0600



220.5340, -0.7830, 19.7050



200.1280, 49.7900, 11.7580

Rectangle

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



213.0670, 13.9470, -49.0370



172.9410, -135.6090, -69.9210



220.5340, -0.7830, 19.7050



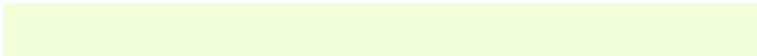
206.5410, 24.8430, 39.8750

Sweetspot

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



213.0670, 13.9470, -49.0370



246.1400, 4.8170, -15.7190



177.8010, 63.5920, 3.9120



122.4590, 2.6610, -9.6830



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.



213.0670, 13.9470, -49.0370



219.6030, 17.7090, -62.1550



194.2300, -23.6010, -62.3930



117.4360, 1.4680, -4.5800



143.2900, 19.7280, -71.2160



43.6360, 6.0560, -21.6560

Inverse Universe

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



141.9330, -13.9470, 49.0370



129.3970, -17.7090, 62.1550



160.7700, 23.6010, 62.3930



110.5640, -1.4680, 4.5800



40.4110, -20.3240, 71.0040



12.3640, -6.0560, 21.6560

Previews

White Background



This preview shows how the YIQ color 213.0670, 13.9470, -49.0370 looks on a white background.

Color Contrast Check

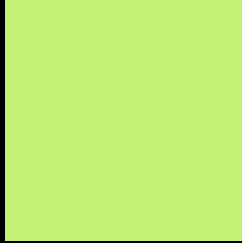
Large Text (above 18pt) WCAG AA × Fail

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 213.0670, 13.9470, -49.0370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

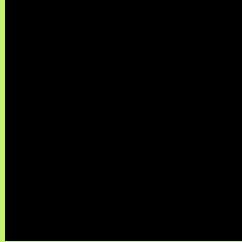
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 213.0670, 13.9470, -49.0370

Background



This preview shows how black text looks on a background with the YIQ color 213.0670, 13.9470, -49.0370.



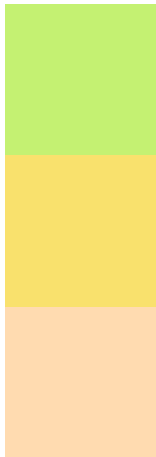
This preview shows how white text looks on a background with the YIQ color 213.0670, 13.9470, -49.0370.

-49.0370.

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

213.0670, 13.9470, -49.0370

Protanopia

218.9520, 51.5400, -30.9880

Deuteranopia

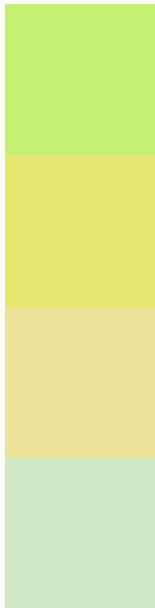
224.8620, 35.2590, -5.7410



Tritanopia

224.8660, -14.1220, 2.6300

Trichromacy



Original Color

213.0670, 13.9470, -49.0370

Protanomaly

217.0210, 37.9240, -37.5320

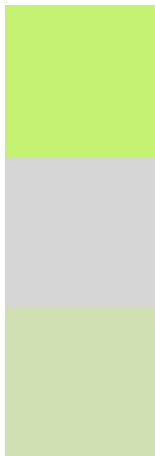
Deuteranomaly

220.6570, 27.9260, -21.5300

Tritanomaly

220.5350, -3.6650, -16.1850

Monochromacy



Original Color

213.0670, 13.9470, -49.0370

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.9720, 5.2300, -17.6980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.0670, 13.9470, -49.0370 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(196, 241, 114)` looks like.

```
.text, #text, p{  
    color:rgb(196, 241, 114)  
}
```

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(196, 241, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 241, 114) }
```

Border

The CSS property to change the border of an element to YIQ 213.0670, 13.9470, -49.0370 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(196, 241, 114) }
```


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

```
.border{ border-color:rgb(196, 241, 114) }
```

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

Here you see how a box with a 4 pixel rgb(196, 241, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 241, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 241, 114);  
box-shadow:4px 4px 4px 4px rgb(196, 241,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 213.0670, 13.9470, -49.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 241, 114) }
```

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

```
.background{ background-color: rgb(196,  
241, 114) }
```

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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