

Converting Colors

YIQ(176.0740, 21.2370,
-48.9950)

Have a look what the booklet for
YIQ(176.0740, 21.2370, -48.9950)
contains.

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Color

**YIQ(176.0740, 21.2370,
-48.9950)**

Conversions

Conversions Part 1

Format	Color
Hex	A6CA45
RGB	166, 202, 69
RGB Percent	65%, 79%, 27%
CMY	0.3492, 0.2078, 0.7292
CMYK	0.18, 0.00, 0.66, 0.21
HSL	76°, 56%, 53%
HSV	76°, 66%, 79%
XYZ	37.9165, 50.7806, 13.4412
YIQ	176.0740, 21.2370, -48.9950

Conversions

Conversions Part 2

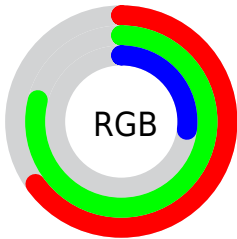
Format	Color
RYB	69, 202, 105
Decimal	10930757
CIELab	76.55, -30.83, 59.98
CIELCh	77, 67.439, 117.206
Yxy	50.7806, 0.3712, 0.4972
Android (android.graphics.Color)	4289120837 (0xFFA6CA45)
YUV	176.0740, -52.7875, -8.8349
Hunter-Lab	71.2605, -29.7290, 38.6990

Details

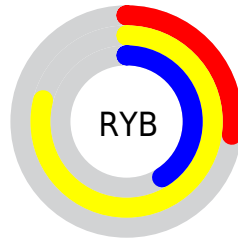
The YIQ color **176.0740, 21.2370, -48.9950** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **94.9260, -21.2370, 48.9950**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **230.7970, 23.5750, -47.3130**, and **119.7660, 24.8600, -54.0840** is the 20% darker color. If you saturate the color by 10%, you get **172.0000, 24.0810, -56.4870**, and if you desaturate by 10%, it is **179.8490, 17.7970, -41.7150**.

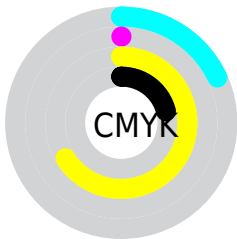
Distribution



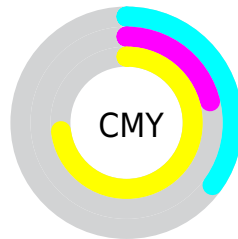
- Red (65%)
- Green (79%)
- Blue (27%)



- Red (27%)
- Yellow (79%)
- Blue (41%)



- Cyan (18%)
- Magenta (0%)
- Yellow (66%)
- Black (21%)



- Cyan (35%)
- Magenta (21%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.0740, 21.2370, -48.9950 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 176.0740, 21.2370, -48.9950 by changing the saturation by 10% instead.

■ 176.0740, 21.2370,
-48.9950

■ 176.0740, 21.2370,
-48.9950

■ 255.0000, -0.0000,
-0.0000

■ 148.5470, 21.2830,
-49.8290

■ 230.7970, 23.5750,
-47.3130

■ 119.7660, 24.8600,
-54.0840

■ 242.5460, 32.1920,
-32.7680

■ 96.4310, 15.9180,
-46.2100

■ 246.3360, 24.3960,
-23.6360

■ 73.9820, 7.2970,
-38.6470

■ 249.6420, 15.0870,
-14.6170

■ 51.2230, -3.3870,
-32.2430

■ 252.9480, 5.7780,
-5.5980

■ 29.3500, -13.7500,
-26.1500

■ 18.1970, -8.5250,

-16.2130

■ 0.0000, 0.0000,
0.0000

■ 176.0740, 21.2370,
-48.9950

■ 176.0740, 21.2370,
-48.9950

■ 172.0000, 24.0810,
-56.4870

■ 179.8490, 17.7970,
-41.7150

■ 168.2250, 27.5210,
-63.7670

■ 183.9230, 14.9530,
-34.2230

■ 164.3360, 31.2820,
-71.3580

■ 187.8120, 11.1920,
-26.6320

■ 162.5270, 32.0620,
-74.4820

■ 191.8860, 8.3480,
-19.1400

■ 195.6610, 4.9080,
-11.8600

■ 199.7350, 2.0640,
-4.3680

■ 203.5100, -1.3760,
2.9120

■ 207.6980, -4.5410,
10.7150

■ 211.4730, -7.9810,
17.9950

Harmonies

Analogous

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



182.0370, 67.3580, -31.3140



176.0740, 21.2370, -48.9950



162.4030, -48.7730, -57.7410

Triad

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



176.0740, 21.2370, -48.9950



153.5140, -140.1550, -31.5710



176.1870, 52.4430, 46.2910

Complementary

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



176.0740, 21.2370, -48.9950



94.9260, -21.2370, 48.9950

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.



192.7780, 29.1500, 55.4380



176.0740, 21.2370, -48.9950



145.2960, -136.3050, -24.2490

Square

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



176.0740, 21.2370, -48.9950



155.7820, -138.2740, -38.1300



185.6150, -22.7000, 25.9400



172.6410, 70.6950, 23.8710

Rectangle

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



176.0740, 21.2370, -48.9950



145.5050, -110.7140, -64.0420



185.6150, -22.7000, 25.9400



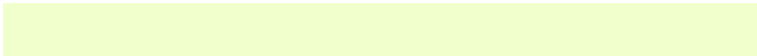
180.3420, 44.8770, 51.2530

Sweetspot

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



176.0740, 21.2370, -48.9950



245.0000, 8.0270, -18.8290



129.8990, 69.3680, 9.3680



121.7750, 4.5870, -11.5490



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.



176.0740, 21.2370, -48.9950



215.6410, 31.7410, -74.1710



156.3400, -18.0990, -62.9870



99.9630, 1.4220, -3.7460



133.6210, 26.4660, -61.1660



30.6780, 6.2380, -13.9380

Inverse Universe

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



94.9260, -21.2370, 48.9950



93.0600, -32.3370, 73.9590



114.6600, 18.0990, 62.9870



94.0370, -1.4220, 3.7460



32.3790, -26.4660, 61.1660



7.3220, -6.2380, 13.9380

Previews

White Background



This preview shows how the YIQ color 176.0740, 21.2370, -48.9950 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 176.0740, 21.2370, -48.9950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

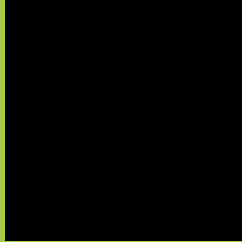
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.0740, 21.2370, -48.9950

Background



This preview shows how black text looks on a background with the YIQ color 176.0740, 21.2370, -48.9950.



This preview shows how white text looks on a background with the YIQ color 176.0740, 21.2370,

-48.9950.

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

176.0740, 21.2370, -48.9950

Protanopia

181.4420, 52.9160, -33.9000

Deuteranopia

183.8170, 65.5220, -20.0620



Tritanopia

188.3180, -9.5830, 2.9690

Trichromacy



Original Color

176.0740, 21.2370, -48.9950

Protanomaly

179.7070, 41.6840, -39.5960

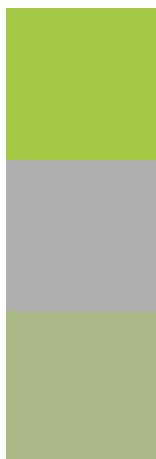
Deuteranomaly

180.6960, 49.3850, -30.4790

Tritanomaly

184.1720, 1.7910, -15.9450

Monochromacy



Original Color

176.0740, 21.2370, -48.9950

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

175.6410, 7.6600, -17.6840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.0740, 21.2370, -48.9950 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(166, 202, 69)` looks like.

```
.text, #text, p{  
    color:rgb(166, 202, 69)  
}
```

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(166, 202, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 202, 69) }
```

Border

The CSS property to change the border of an element to YIQ 176.0740, 21.2370, -48.9950 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(166, 202, 69) }
```


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

```
.border{ border-color:rgb(166, 202, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 202, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 202, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 202, 69);  
box-shadow:4px 4px 4px 4px rgb(166, 202,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 176.0740, 21.2370, -48.9950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 202, 69) }
```

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

```
.background{ background-color: rgb(166,  
202, 69) }
```

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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