

Converting Colors

YIQ(174.2660, 21.4170,
-30.2230)

Have a look what the booklet for
YIQ(174.2660, 21.4170, -30.2230)
contains.

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Color

**YIQ(174.2660, 21.4170,
-30.2230)**

Conversions

Conversions Part 1

Format	Color
Hex	B0BC63
RGB	176, 188, 99
RGB Percent	69%, 74%, 39%
CMY	0.3099, 0.2627, 0.6116
CMYK	0.06, 0.00, 0.47, 0.26
HSL	68°, 40%, 56%
HSV	68°, 47%, 74%
XYZ	38.1379, 46.0977, 18.7019
YIQ	174.2660, 21.4170, -30.2230

Conversions

Conversions Part 2

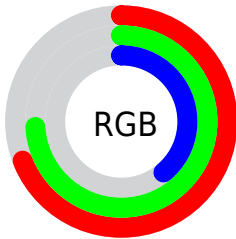
Format	Color
R_{YB}	99, 188, 111
Decimal	11582563
CIE _{Lab}	73.61, -17.46, 43.32
CIE _{LCh}	74, 46.709, 111.948
Yxy	46.0977, 0.3705, 0.4478
Android (android.graphics.Color)	4289772643 (0xFFB0BC63)
YUV	174.2660, -37.1061, 1.5207
Hunter-Lab	67.8953, -18.5504, 31.1952

Details

The YIQ color $174.2660, 21.4170, -30.2230$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $112.7340, -21.4170, 30.2230$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $230.2230, 22.9760, -30.9440$, and $121.3090, 19.8580, -29.5020$ is the 20% darker color. If you saturate the color by 10%, you get $171.2030, 25.7280, -36.7680$, and if you desaturate by 10%, it is $177.3290, 17.1060, -23.6780$.

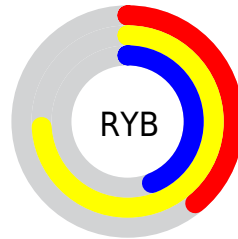
Distribution



Red (69%)

Green (74%)

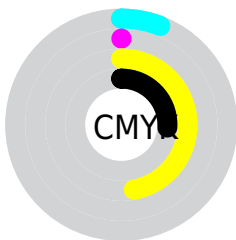
Blue (39%)



Red (39%)

Yellow (74%)

Blue (44%)

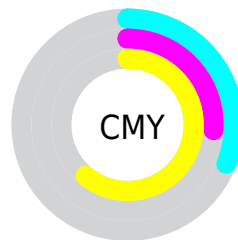


Cyan (6%)

Magenta (0%)

Yellow (47%)

Black (26%)



Cyan (31%)


Magenta (26%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 174.2660, 21.4170, -30.2230 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 174.2660, 21.4170, -30.2230 by changing the saturation by 10% instead.


 174.2660, 21.4170,
-30.2230


 174.2660, 21.4170,
-30.2230


255.0000, -0.0000,
-0.0000


 147.1950, 20.1790,
-29.8130


 230.2230, 22.9760,
-30.9440


 121.3090, 19.8580,
-29.5020


 246.3360, 24.3960,
-23.6360


 95.5970, 18.9870,
-30.2370

 249.5280, 15.4080,
-14.9280

 70.8250, 18.3450,
-29.6150

 252.8340, 6.0990,
-5.9090

 50.1480, 10.3660,
-22.6740

 29.7590, 1.5160,
-16.4680

 12.3270, -5.7750,

-10.9830

■ 0.0000, 0.0000,
0.0000

■ 174.2660, 21.4170,
-30.2230

■ 174.2660, 21.4170,
-30.2230

■ 171.2030, 25.7280,
-36.7680

■ 177.3290, 17.1060,
-23.6780

■ 168.4390, 30.6350,
-43.1010

■ 180.0930, 12.1990,
-17.3450

■ 165.4900, 34.6250,
-49.3350

■ 183.0420, 8.2090,
-11.1110

■ 162.7260, 39.5320,
-55.6680

■ 185.8060, 3.3020,
-4.7780

■ 159.6630, 43.8430,
-62.2130

■ 188.8690, -1.0090,
1.7670

■ 159.0930, 45.4480,
-63.7680

■ 191.6330, -5.9160,
8.1000

■ 194.6960,
-10.2270, 14.6450

■ 197.3460,
-14.8130, 20.6670

■ 198.9270,
-14.9510, 23.1690

Harmonies

Analogous

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



178.1500, 51.5830, -15.2410



174.2660, 21.4170, -30.2230



167.6770, -19.5250, -37.1330

Triad

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



174.2660, 21.4170, -30.2230



144.3840, -133.7370, -26.7370



184.6500, 49.2810, 37.5130

Complementary

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



174.2660, 21.4170, -30.2230



112.7340, -21.4170, 30.2230

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.



186.0990, 14.3440, 37.4160



174.2660, 21.4170, -30.2230



165.4280, -83.1700, -1.5220

Square

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



174.2660, 21.4170, -30.2230



143.2150, -123.5560, -40.5480



181.1410, -30.1730, 23.7070



180.3350, 62.8090, 23.6170

Rectangle

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



174.2660, 21.4170, -30.2230



160.5450, -54.3240, -39.7320



181.1410, -30.1730, 23.7070



185.6150, 39.1940, 38.6020

Sweetspot

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



174.2660, 21.4170, -30.2230



239.6290, 7.9340, -11.6340



132.6550, 49.7440, 12.5920



119.1220, 5.2280, -6.6440



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



174.2660, 21.4170, -30.2230



223.3590, 33.6160, -47.5680



161.1100, -4.8070, -39.5510



92.6750, 2.2930, -3.0110



133.7090, 38.2020, -53.5900



25.9710, 6.9710, -10.7010

Inverse Universe

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



112.7340, -21.4170, 30.2230



126.6410, -33.6160, 47.5680



125.8900, 4.8070, 39.5510



86.3250, -2.2930, 3.0110



24.2910, -38.2020, 53.5900



4.7300, -7.5670, 10.4890

Previews

White Background



This preview shows how the YIQ color 174.2660, 21.4170, -30.2230 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 174.2660, 21.4170, -30.2230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

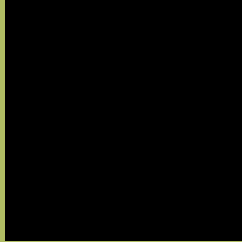
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.2660, 21.4170, -30.2230

Background



This preview shows how black text looks on a background with the YIQ color 174.2660, 21.4170, -30.2230.



This preview shows how white text looks on a background with the YIQ color 174.2660, 21.4170,

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

174.2660, 21.4170, -30.2230

Protanopia

176.8060, 37.6920, -22.3080

Deuteranopia

178.4860, 50.7570, -11.2830



Tritanopia

182.2870, 0.8700, 6.2620

Trichromacy



Original Color

174.2660, 21.4170, -30.2230

Protanomaly

176.2890, 31.7780, -25.2620

Deuteranomaly

177.1100, 39.8920, -18.1240

Tritanomaly

179.5630, 8.3000, -7.2520

Monochromacy



Original Color

174.2660, 21.4170, -30.2230

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

174.1560, 7.8880, -10.8000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.2660, 21.4170, -30.2230 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(176, 188, 99)` looks like.

```
.text, #text, p{  
    color:rgb(176, 188, 99)  
}
```

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(176, 188, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 188, 99) }
```

Border

The CSS property to change the border of an element to YIQ 174.2660, 21.4170, -30.2230 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(176, 188, 99) }
```


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

```
.border{ border-color:rgb(176, 188, 99) }
```

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

Here you see how a box with a 4 pixel rgb(176, 188, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 188, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 188, 99);  
box-shadow:4px 4px 4px 4px rgb(176, 188,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 174.2660, 21.4170, -30.2230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 188, 99) }
```

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

```
.background{ background-color: rgb(176,  
188, 99) }
```

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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