

Converting Colors

YIQ(179.4670, 42.6000,
-34.1680)

Have a look what the booklet for
YIQ(179.4670, 42.6000, -34.1680)
contains.

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Color

**YIQ(179.4670, 42.6000,
-34.1680)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BE4A
RGB	199, 190, 74
RGB Percent	78%, 75%, 29%
CMY	0.2197, 0.2549, 0.7095
CMYK	0.00, 0.05, 0.63, 0.22
HSL	56°, 53%, 54%
HSV	56°, 63%, 78%
XYZ	43.2006, 49.4608, 13.7602
YIQ	179.4670, 42.6000, -34.1680

Conversions

Conversions Part 2

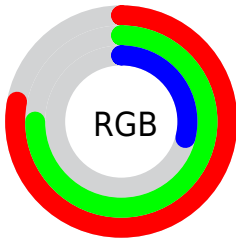
Format	Color
R _Y B	84, 199, 74
Decimal	13090378
CIE Lab	75.74, -10.99, 57.80
CIE LCh	76, 58.836, 100.761
Yxy	49.4608, 0.4059, 0.4648
Android (android.graphics.Color)	4291280458 (0xFFC7BE4A)
YUV	179.4670, -51.9952, 17.1304
Hunter-Lab	70.3284, -13.4275, 37.6294

Details

The YIQ color $179.4670, 42.6000, -34.1680$ is a light color, and the websafe version is hex `CCCC66`. The color can be described as light muted orange. A complement of this color would be $93.5330, -42.6000, 34.1680$, and the grayscale version is $180.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $235.2390, 43.2420, -34.7900$, and $124.3590, 42.7840, -37.5040$ is the 20% darker color. If you saturate the color by 10%, you get $176.6000, 49.2950, -39.8650$, and if you desaturate by 10%, it is $182.3340, 35.9050, -28.4710$.

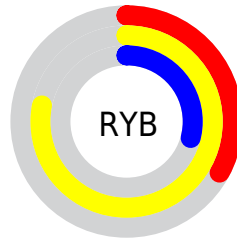
Distribution



Red (78%)

Green (75%)

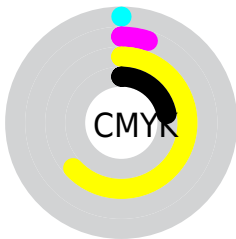
Blue (29%)



Red (33%)

Yellow (78%)

Blue (29%)

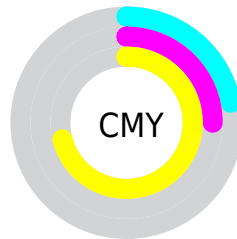


Cyan (0%)

Magenta (5%)

Yellow (63%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.4670, 42.6000, -34.1680 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 179.4670, 42.6000, -34.1680 by changing the saturation by 10% instead.

■ 179.4670, 42.6000,
-34.1680

■ 179.4670, 42.6000,
-34.1680

■ 255.0000, -0.0000,
-0.0000

■ 151.8690, 41.4080,
-34.5920

■ 235.2390, 43.2420,
-34.7900

■ 124.3590, 42.7840,
-37.5040

■ 243.6000, 32.1000,
-31.1000

■ 99.8300, 37.1440,
-34.4080

■ 246.7920, 23.1120,
-22.3920

■ 77.3810, 28.5230,
-26.8450

■ 249.9840, 14.1240,
-13.6840

■ 55.8070, 18.7560,
-20.5400

■ 253.2900, 4.8150,
-4.6650

■ 36.0050, 9.6310,
-14.8570

■ 14.6970, -3.9410,

-11.1810

■ 0.0000, 0.0000,
0.0000

■ 179.4670, 42.6000,
-34.1680

■ 179.4670, 42.6000,
-34.1680

■ 176.6000, 49.2950,
-39.8650

■ 182.3340, 35.9050,
-28.4710

■ 173.1460, 56.2650,
-45.0390

■ 185.7880, 28.9350,
-23.2970

■ 170.2790, 62.9600,
-50.7360

■ 188.6550, 22.2400,
-17.6000

■ 168.0960, 67.7290,
-54.5670

■ 192.1090, 15.2700,
-12.4260

■ 194.9760, 8.5750,
-6.7290

■ 198.3160, 1.9260,
-1.8660

■ 201.1830, -4.7690,
3.8310

■ 204.0500,
-11.4640, 9.5280

■ 207.5040,
-18.4340, 14.7020

Harmonies

Analogous

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



183.2790, 73.2690, -11.7790



179.4670, 42.6000, -34.1680



173.1220, -5.0810, -45.6010

Triad

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



179.4670, 42.6000, -34.1680



152.9270, -139.8800, -31.0480



186.8960, 40.2010, 47.8890

Complementary

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



179.4670, 42.6000, -34.1680



93.5330, -42.6000, 34.1680

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.



189.9220, 1.7810, 39.3250



179.4670, 42.6000, -34.1680



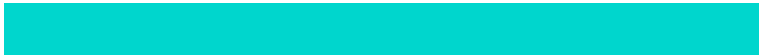
147.6440, -137.4050, -26.3410

Square

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



179.4670, 42.6000, -34.1680



148.9880, -124.6550, -48.1670



175.9260, -57.9090, 8.7390



177.1040, 59.5060, 33.9220

Rectangle

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



179.4670, 42.6000, -34.1680



163.6300, -47.6740, -50.1220



175.9260, -57.9090, 8.7390



192.0570, 32.4980, 49.8260

Sweetspot

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



179.4670, 42.6000, -34.1680



247.7670, 16.2330, -13.3590



112.5150, 71.2900, 29.6100



122.8190, 10.4550, -7.7610



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.



179.4670, 42.6000, -34.1680



225.0080, 65.1610, -52.0790



169.2020, 9.1330, -49.8990



97.9740, 2.8890, -2.7990



137.3740, 55.6230, -44.4170



30.1350, 12.3810, -9.6270

Inverse Universe

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



93.5330, -42.6000, 34.1680



93.9920, -65.1610, 52.0790



103.7980, -9.1330, 49.8990



91.0260, -2.8890, 2.7990



25.6260, -55.6230, 44.4170



5.8650, -12.3810, 9.6270

Previews

White Background



This preview shows how the YIQ color 179.4670, 42.6000, -34.1680 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 179.4670, 42.6000, -34.1680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

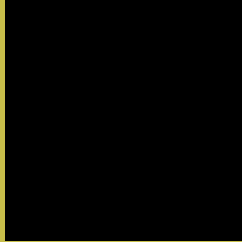
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 179.4670, 42.6000, -34.1680

Background



This preview shows how black text looks on a background with the YIQ color 179.4670, 42.6000, -34.1680.



This preview shows how white text looks on a background with the YIQ color 179.4670, 42.6000, -34.1680.

-34.1680.

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

179.4670, 42.6000, -34.1680

Protanopia

180.2830, 49.1100, -31.0020

Deuteranopia

182.1590, 64.5590, -19.1290



Tritanopia

189.1640, 14.5780, 11.1380

Trichromacy



Original Color

179.4670, 42.6000, -34.1680

Protanomaly

179.9730, 47.0470, -32.1610

Deuteranomaly

181.3920, 56.3530, -24.5990

Tritanomaly

185.4140, 24.8970, -5.1750

Monochromacy



Original Color

179.4670, 42.6000, -34.1680

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.1090, 15.2700, -12.4260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.4670, 42.6000, -34.1680 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(199, 190, 74)` looks like.

```
.text, #text, p{  
    color:rgb(199, 190, 74)  
}
```

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(199, 190, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 190, 74) }
```

Border

The CSS property to change the border of an element to YIQ 179.4670, 42.6000, -34.1680 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(199, 190, 74) }
```


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

```
.border{ border-color:rgb(199, 190, 74) }
```

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

Here you see how a box with a 4 pixel rgb(199, 190, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 190, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 190, 74);  
box-shadow:4px 4px 4px 4px rgb(199, 190,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 179.4670, 42.6000, -34.1680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 190, 74) }
```

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

```
.background{ background-color: rgb(199,  
190, 74) }
```

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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