

Converting Colors

YIQ(162.3970, -30.3000,
-34.5880)

Have a look what the booklet for
YIQ(162.3970, -30.3000, -34.5880)
contains.

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Color

**YIQ(162.3970, -30.3000,
-34.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	70C189
RGB	112, 193, 137
RGB Percent	44%, 76%, 54%
CMY	0.5610, 0.2430, 0.4628
CMYK	0.42, 0.00, 0.29, 0.24
HSL	139°, 40%, 60%
HSV	139°, 42%, 76%
XYZ	30.2661, 43.4014, 30.4417
YIQ	162.3970, -30.3000, -34.5880

Conversions

Conversions Part 2

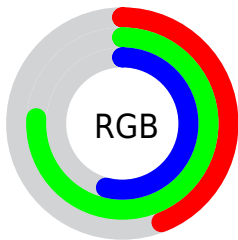
Format	Color
RYB	112, 174, 193
Decimal	7389577
CIELab	71.83, -37.13, 20.65
CIELCh	72, 42.482, 150.920
Yxy	43.4014, 0.2907, 0.4169
Android (android.graphics.Color)	4285579657 (0xFF70C189)
YUV	162.3970, -12.5207, -44.1982
Hunter-Lab	65.8798, -33.2841, 18.7192

Details

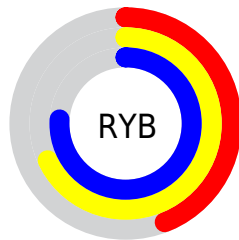
The YIQ color **162.3970, -30.3000, -34.5880** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **142.6030, 30.3000, 34.5880**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.4570, -30.5290, -35.9450**, and **108.8530, -31.5840, -33.3440** is the 20% darker color. If you saturate the color by 10%, you get **155.2340, -37.4510, -42.6590**, and if you desaturate by 10%, it is **169.5600, -23.1490, -26.5170**.

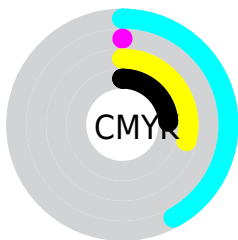
Distribution



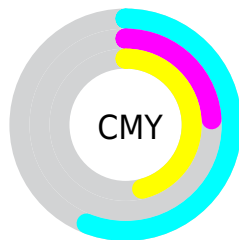
- Red (44%)
- Green (76%)
- Blue (54%)



- Red (44%)
- Yellow (68%)
- Blue (76%)



- Cyan (42%)
- Magenta (0%)
- Yellow (29%)
- Black (24%)



- Cyan (56%)
- Magenta (24%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 162.3970, -30.3000, -34.5880 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 162.3970, -30.3000, -34.5880 by changing the saturation by 10% instead.

■ 162.3970,
-30.3000, -34.5880

■ 162.3970,
-30.3000, -34.5880

255.0000, -0.0000,
-0.0000

■ 135.5110,
-30.6210, -34.2770

■ 218.4570,
-30.5290, -35.9450

■ 108.8530,
-31.5840, -33.3440

■ 232.9560,
-24.2040, -23.9160

■ 81.5860, -35.2060,
-33.7820

■ 244.8190,
-15.9080, -9.0600

■ 56.3300, -37.3610,
-33.2730

254.4020, -1.1920,
-0.4240

■ 39.7340, -23.6990,
-27.5630

■ 24.0670, -11.2750,
-21.4430

■ 7.0440, -3.3000,

-6.2760

■ 0.0000, 0.0000,
0.0000

■ 162.3970,
-30.3000, -34.5880

■ 162.3970,
-30.3000, -34.5880

■ 155.2340,
-37.4510, -42.6590

■ 169.5600,
-23.1490, -26.5170

■ 147.6580,
-44.8770, -51.2530

■ 177.1360,
-15.7230, -17.9230

■ 140.4950,
-52.0280, -59.3240


■ 184.2990, -8.5720,
-9.8520


■ 133.3320,
-59.1790, -67.3950


■ 191.4620, -1.4210,
-1.7810


■ 125.7560,
-66.6050, -75.9890

■ 198.7390, 5.4090,
6.6010

 120.1310,
-72.3350, -82.2790

 206.2010, 13.1560,
14.8840

 213.3640, 20.3070,
22.9550

 217.3520, 20.5810,
29.0050

 218.6060, 17.0500,
32.4260

Harmonies

Analogous

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



169.0350, 8.9460, -29.9820



162.3970, -30.3000, -34.5880



149.4680, -81.7880, -37.5960

Triad

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



162.3970, -30.3000, -34.5880



169.1970, -60.1100, 10.0820



177.6460, 63.1310, 17.7790

Complementary

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



162.3970, -30.3000, -34.5880



142.6030, 30.3000, 34.5880

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.



179.3310, 51.4370, 31.4770



162.3970, -30.3000, -34.5880



178.6760, -15.5020, 27.6500

Square

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



162.3970, -30.3000, -34.5880



145.5110, -117.7370, -19.3450



181.1940, 24.2020, 34.9700



175.4150, 58.6870, -0.8090

Rectangle

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



162.3970, -30.3000, -34.5880



138.0800, -118.7420, -39.6860



181.1940, 24.2020, 34.9700



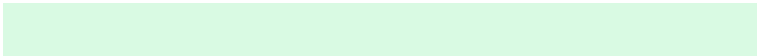
177.8510, 61.2960, 23.5040

Sweetspot

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



162.3970, -30.3000, -34.5880



237.5110, -12.2850, -14.1490



176.5900, 11.6970, -30.2790



117.4240, -7.4260, -8.5940



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



162.3970, -30.3000, -34.5880



202.8210, -46.8940, -53.2460



166.9570, -43.1400, -22.1480



93.2120, -3.7130, -4.2970



100.2070, -60.3250, -68.6530



20.5110, -12.2850, -14.1490

Inverse Universe

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



142.6030, 30.3000, 34.5880



172.1790, 46.8940, 53.2460



138.0430, 43.1400, 22.1480



90.7880, 3.7130, 4.2970



60.7930, 60.3250, 68.6530



12.4890, 12.2850, 14.1490

Previews

White Background



This preview shows how the YIQ color 162.3970, -30.3000, -34.5880 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 162.3970, -30.3000, -34.5880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

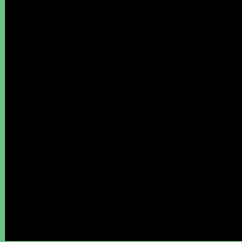
Any Text WCAG AA ✓ Pass

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 162.3970, -30.3000, -34.5880 Background



This preview shows how black text looks on a background with the YIQ color 162.3970, -30.3000, -34.5880.



This preview shows how white text looks on a background with the YIQ color 162.3970, -30.3000, -34.5880.

-34.5880.

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

162.3970, -30.3000, -34.5880

Protanopia

173.6430, 22.5140, -11.5500

Deuteranopia

175.5010, 29.2060, -0.6660



Tritanopia

169.0690, -39.9790, -7.8430

Trichromacy



Original Color

162.3970, -30.3000, -34.5880

Protanomaly

169.7220, 2.9380, -20.2140

Deuteranomaly

170.6890, 7.7050, -12.9910

Tritanomaly

166.7130, -36.4010, -17.6250

Monochromacy



Original Color

162.3970, -30.3000, -34.5880

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

162.0490, -10.8640, -12.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.3970, -30.3000, -34.5880 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(112, 193, 137)` looks like.

```
.text, #text, p{  
    color:rgb(112, 193, 137)  
}
```

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(112, 193, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 193, 137) }
```

Border

The CSS property to change the border of an element to YIQ 162.3970, -30.3000, -34.5880 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(112, 193, 137) }
```


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

```
.border{ border-color:rgb(112, 193, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 193, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 193, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 193, 137); box-shadow:4px 4px 4px 4px rgb(112, 193, 137) }
```

Background

The CSS property to change the background color of an element to YIQ 162.3970, -30.3000, -34.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 193, 137) }
```

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

```
.background{ background-color: rgb(112,  
193, 137) }
```

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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