

Converting Colors

YIQ(130.3690, -51.4330,
-53.5850)

Have a look what the booklet for
YIQ(130.3690, -51.4330, -53.5850)
contains.

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Color

**YIQ(130.3690, -51.4330,
-53.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	30B360
RGB	48, 179, 96
RGB Percent	19%, 70%, 38%
CMY	0.8121, 0.2978, 0.6237
CMYK	0.73, 0.00, 0.46, 0.30
HSL	142°, 58%, 45%
HSV	142°, 73%, 70%
XYZ	19.4553, 33.7322, 16.5433
YIQ	130.3690, -51.4330, -53.5850

Conversions

Conversions Part 2

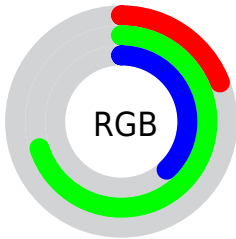
Format	Color
RYB	48, 144, 179
Decimal	3191648
CIELab	64.75, -53.39, 32.50
CIELCh	65, 62.503, 148.667
Yxy	33.7322, 0.2790, 0.4837
Android (android.graphics.Color)	4281381728 (0xFF30B360)
YUV	130.3690, -16.9439, -72.2376
Hunter-Lab	58.0794, -41.8454, 23.7675

Details

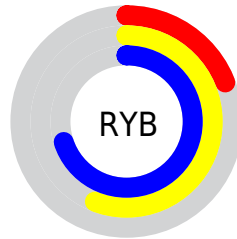
The YIQ color **130.3690, -51.4330, -53.5850** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **96.6310, 51.4330, 53.5850**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.8920, -45.6560, -53.6560**, and **78.7330, -49.4620, -50.7580** is the 20% darker color. If you saturate the color by 10%, you get **123.7330, -58.6300, -60.8220**, and if you desaturate by 10%, it is **137.0050, -44.2360, -46.3480**.

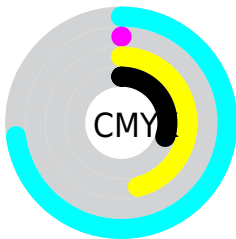
Distribution



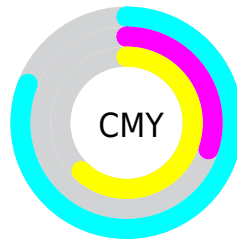
- Red (19%)
- Green (70%)
- Blue (38%)



- Red (19%)
- Yellow (56%)
- Blue (70%)



- Cyan (73%)
- Magenta (0%)
- Yellow (46%)
- Black (30%)





- Cyan (81%)
- Magenta (30%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.3690, -51.4330, -53.5850 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 130.3690, -51.4330, -53.5850 by changing the saturation by 10% instead.


 130.3690,
-51.4330, -53.5850


 130.3690,
-51.4330, -53.5850


255.0000, -0.0000,
-0.0000


 97.3180, -64.5910,
-57.4150


 188.8920,
-45.6560, -53.6560


 78.7330, -49.4620,
-50.7580


 212.0930,
-41.6680, -48.8360


 60.7350, -34.6080,
-44.6240


 223.8420,
-33.0510, -34.2910

 43.4380, -20.3500,
-38.7020

 236.1180,
-24.4800, -18.9120

 29.9370, -14.0250,
-26.6730

 247.8240,
-14.3040, -5.0880

 14.6750, -6.8750,
-13.0750

 0.0000, 0.0000,

0.0000

■ 130.3690,
-51.4330, -53.5850

■ 130.3690,
-51.4330, -53.5850

■ 123.7330,
-58.6300, -60.8220

■ 137.0050,
-44.2360, -46.3480

■ 116.9830,
-65.5060, -68.3700

■ 143.7550,
-37.3600, -38.8000

■ 112.5970,
-70.4110, -73.0910

■ 150.3910,
-30.1630, -31.5630

■ 157.0270,
-22.9660, -24.3260

■ 163.4780,
-16.6860, -16.9900

■ 170.1140, -9.4890,
-9.7530

■ 176.7500, -2.2920,
-2.5160

■ 183.5000, 4.5840,
5.0320

■ 190.1360, 11.7810,
12.2690

Harmonies

Analogous

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



144.5560, 17.0640, -44.9520



130.3690, -51.4330, -53.5850



124.8630, -99.4380, -48.1260

Triad

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



130.3690, -51.4330, -53.5850



125.3380, -126.9550, -6.4670



153.6000, 87.1080, 29.2840

Complementary

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



130.3690, -51.4330, -53.5850



96.6310, 51.4330, 53.5850

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.



155.7610, 71.3780, 50.0500



130.3690, -51.4330, -53.5850



158.7580, -29.9920, 36.9520

Square

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



130.3690, -51.4330, -53.5850



132.6270, -129.5670, -14.1990



160.8550, 30.2510, 52.0030



153.3930, 82.1160, -1.4040

Rectangle

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



130.3690, -51.4330, -53.5850



129.7820, -111.9110, -36.8310



160.8550, 30.2510, 52.0030



152.7170, 82.7050, 37.4970

Sweetspot

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



130.3690, -51.4330, -53.5850



213.1030, -20.1240, -20.7640



150.3120, 14.6350, -50.4930



105.8640, -11.7810, -12.2690



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



130.3690, -51.4330, -53.5850



156.2980, -80.1750, -83.3670



137.5510, -71.6560, -33.9920



85.7390, -3.7590, -3.4630



96.1950, -60.0510, -62.6030



16.2880, -10.0390, -10.7990

Inverse Universe

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



96.6310, 51.4330, 53.5850



103.7020, 80.1750, 83.3670



89.4490, 71.6560, 33.9920



83.3750, 3.4380, 3.7740



56.8050, 60.0510, 62.6030



9.5980, 10.3600, 10.4880

Previews

White Background



This preview shows how the YIQ color 130.3690, -51.4330, -53.5850 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 130.3690, -51.4330, -53.5850 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 130.3690, -51.4330, -53.5850 Background



This preview shows how black text looks on a background with the YIQ color 130.3690, -51.4330, -53.5850.



This preview shows how white text looks on a background with the YIQ color 130.3690, -51.4330, -53.5850.

-53.5850.

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

130.3690, -51.4330, -53.5850

Protanopia

152.7330, 30.7680, -17.9680

Deuteranopia

155.1180, 37.4140, -6.2500



Tritanopia

143.9850, -57.5380, -14.5140

Trichromacy



Original Color

130.3690, -51.4330, -53.5850



Protanomaly

144.3160, 0.7850, -30.7590



Deuteranomaly

145.9840, 4.9560, -23.7480



Tritanomaly

139.0970, -55.5180, -29.1020

Monochromacy



Original Color

130.3690, -51.4330, -53.5850



Achromatopsia

130.0000, -0.0000, -0.0000



Achromatomaly

130.2280, -18.9780, -19.5060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.3690, -51.4330, -53.5850 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(48, 179, 96)` looks like.

```
.text, #text, p{  
    color:rgb(48, 179, 96)  
}
```

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(48, 179, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 179, 96) }
```

Border

The CSS property to change the border of an element to YIQ 130.3690, -51.4330, -53.5850 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(48, 179, 96) }
```


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

```
.border{ border-color:rgb(48, 179, 96) }
```

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

Here you see how a box with a 4 pixel rgb(48, 179, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 179, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 179, 96);  
box-shadow:4px 4px 4px 4px rgb(48, 179,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 130.3690, -51.4330, -53.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 179, 96) }
```

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

```
.background{ background-color: rgb(48, 179,  
96) }
```

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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