

Converting Colors

YIQ(149.3830, -18.5170,
-33.3730)

Have a look what the booklet for
YIQ(149.3830, -18.5170, -33.3730)
contains.

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Color

**YIQ(149.3830, -18.5170,
-33.3730)**

Conversions

Conversions Part 1

Format	Color
Hex	6FB071
RGB	111, 176, 113
RGB Percent	44%, 69%, 44%
CMY	0.5649, 0.3097, 0.5569
CMYK	0.37, 0.00, 0.36, 0.31
HSL	122°, 29%, 56%
HSV	122°, 37%, 69%
XYZ	25.0603, 35.6297, 21.1773
YIQ	149.3830, -18.5170, -33.3730

Conversions

Conversions Part 2

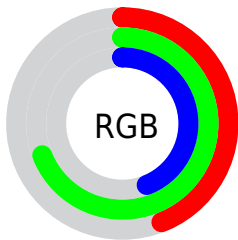
Format	Color
RYB	111, 174, 176
Decimal	7319665
CIELab	66.24, -33.85, 25.91
CIElCh	66, 42.627, 142.569
Yxy	35.6297, 0.3061, 0.4352
Android (android.graphics.Color)	4285509745 (0xFF6FB071)
YUV	149.3830, -17.9368, -33.6619
Hunter-Lab	59.6906, -29.5180, 20.7483

Details

The YIQ color **149.3830, -18.5170, -33.3730** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **137.6170, 18.5170, 33.3730**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.3290, -18.4250, -35.0410**, and **97.1380, -19.2050, -31.9170** is the 20% darker color. If you saturate the color by 10%, you get **142.0630, -23.7880, -42.4760**, and if you desaturate by 10%, it is **156.7030, -13.2460, -24.2700**.

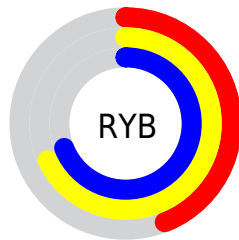
Distribution



Red (44%)

Green (69%)

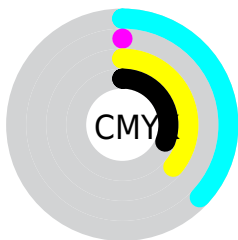
Blue (44%)



Red (44%)

Yellow (68%)

Blue (69%)

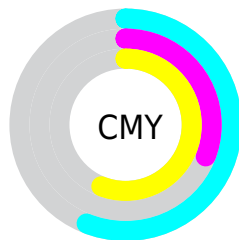


Cyan (37%)

Magenta (0%)

Yellow (36%)

Black (31%)



Cyan (56%)

Magenta (31%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.3830, -18.5170, -33.3730 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 149.3830, -18.5170, -33.3730 by changing the saturation by 10% instead.

■ 149.3830,
-18.5170, -33.3730

■ 149.3830,
-18.5170, -33.3730

■ 255.0000, -0.0000,
-0.0000

■ 122.9100,
-18.5630, -32.5390

■ 204.3290,
-18.4250, -35.0410

■ 97.1380, -19.2050,
-31.9170

■ 229.3940,
-17.0500, -32.4260

■ 71.7680, -21.0390,
-31.7190

■ 240.9580, -9.3500,
-17.7820

■ 45.0170, -26.1740,
-32.2700

■ 252.8210, -1.0540,
-2.9260

■ 29.3500, -13.7500,
-26.1500

■ 17.6100, -8.2500,
-15.6900

■ 0.0000, 0.0000,

0.0000

■ 149.3830,
-18.5170, -33.3730

■ 149.3830,
-18.5170, -33.3730

■ 142.0630,
-23.7880, -42.4760

■ 156.7030,
-13.2460, -24.2700

■ 135.0420,
-28.4630, -51.3670

■ 163.7240, -8.5710,
-15.3790

■ 127.7220,
-33.7340, -60.4700

■ 171.0440, -3.3000,
-6.2760

■ 120.7010,
-38.4090, -69.3610

■ 178.0650, 1.3750,
2.6150

■ 113.3810,
-43.6800, -78.4640

■ 185.3850, 6.6460,
11.7180

■ 106.0610,
-48.9510, -87.5670

■ 192.7050, 11.9170,
20.8210

■ 103.9960,
-50.3260, -90.1820

■ 199.7260, 16.5920,
29.7120

■ 207.0460, 21.8630,
38.8150

■ 208.6270, 21.7250,
41.3170

Harmonies

Analogous

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



155.2920, 18.5280, -27.4240



149.3830, -18.5170, -33.3730



137.4110, -68.4460, -37.1020

Triad

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



149.3830, -18.5170, -33.3730



148.8420, -75.4680, 2.0680



162.7260, 60.1500, 22.2460

Complementary

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



149.3830, -18.5170, -33.3730



137.6170, 18.5170, 33.3730

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.



164.6770, 44.6510, 33.3150



149.3830, -18.5170, -33.3730



162.2830, -27.6970, 22.8870

Square

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



149.3830, -18.5170, -33.3730



129.0930, -119.6160, -23.8400



165.6920, 13.9320, 33.8680



161.0610, 59.9240, 4.3080

Rectangle

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



149.3830, -18.5170, -33.3730



126.3110, -106.2710, -39.9270



165.6920, 13.9320, 33.8680



162.9200, 56.8480, 27.0240

Sweetspot

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



149.3830, -18.5170, -33.3730



219.3760, -7.4710, -13.2870



168.2910, 20.2690, -20.4270



108.8050, -4.1250, -7.8450



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



149.3830, -18.5170, -33.3730



188.6290, -28.7380, -51.8900



153.0310, -28.7890, -23.4210



85.3970, -2.7960, -4.3960



90.3810, -43.6800, -78.4640



15.3760, -7.4710, -13.2870

Inverse Universe

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



137.6170, 18.5170, 33.3730



170.2570, 29.0590, 51.5790



133.9690, 28.7890, 23.4210



83.7170, 2.4750, 4.7070



62.6190, 43.6800, 78.4640



10.6240, 7.4710, 13.2870

Previews

White Background



This preview shows how the YIQ color 149.3830, -18.5170, -33.3730 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 149.3830, -18.5170, -33.3730 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 149.3830, -18.5170, -33.3730 Background



This preview shows how black text looks on a background with the YIQ color 149.3830, -18.5170, -33.3730.



This preview shows how white text looks on a background with the YIQ color 149.3830, -18.5170, -33.3730.

-33.3730.

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

149.3830, -18.5170, -33.3730

Protanopia

158.0300, 25.6780, -13.8260

Deuteranopia

160.3610, 32.4160, -3.7760



Tritanopia

156.3260, -30.3970, -5.2850

Trichromacy



Original Color

149.3830, -18.5170, -33.3730

Protanomaly

155.0170, 9.3570, -20.9070

Deuteranomaly

156.4570, 14.1700, -14.5180

Tritanomaly

153.7420, -26.1770, -15.6890

Monochromacy



Original Color

149.3830, -18.5170, -33.3730

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.2020, -6.9210, -12.2410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.3830, -18.5170, -33.3730 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(111, 176, 113)` looks like.

```
.text, #text, p{  
    color:rgb(111, 176, 113)  
}
```

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(111, 176, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 176, 113) }
```

Border

The CSS property to change the border of an element to YIQ 149.3830, -18.5170, -33.3730 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(111, 176, 113) }
```


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

```
.border{ border-color:rgb(111, 176, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 176, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 176, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 176, 113);  
box-shadow:4px 4px 4px 4px rgb(111, 176,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 149.3830, -18.5170, -33.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 176, 113) }
```

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

```
.background{ background-color: rgb(111,  
176, 113) }
```

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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