

Converting Colors

YIQ(184.3530, 69.2840,
-33.1800)

Have a look what the booklet for
YIQ(184.3530, 69.2840, -33.1800)
contains.

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Color

**YIQ(184.3530, 69.2840,
-33.1800)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BB33
RGB	230, 187, 51
RGB Percent	90%, 73%, 20%
CMY	0.0980, 0.2667, 0.7996
CMYK	0.00, 0.19, 0.78, 0.10
HSL	46°, 78%, 55%
HSV	46°, 78%, 90%
XYZ	51.0007, 52.5964, 10.6073
YIQ	184.3530, 69.2840, -33.1800

Conversions

Conversions Part 2

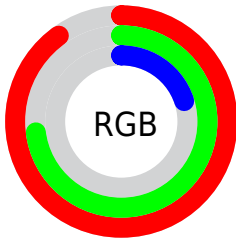
Format	Color
RYB	108, 230, 51
Decimal	15121203
CIELab	77.64, 2.70, 69.42
CIELCh	78, 69.468, 87.774
Yxy	52.5964, 0.4466, 0.4605
Android (android.graphics.Color)	4293311283 (0xFFE6BB33)
YUV	184.3530, -65.7430, 40.0324
Hunter-Lab	72.5234, -1.3893, 42.0946

Details

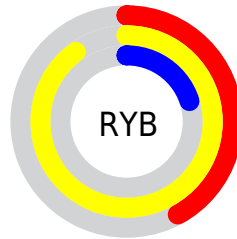
The YIQ color **184.3530, 69.2840, -33.1800** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **96.6470, -69.2840, 33.1800**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.1980, 50.4870, -39.4410**, and **129.4880, 64.4700, -34.0420** is the 20% darker color. If you saturate the color by 10%, you get **178.2090, 78.3170, -37.1950**, and if you desaturate by 10%, it is **190.4970, 60.2510, -29.1650**.

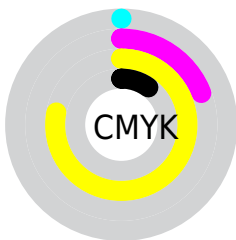
Distribution



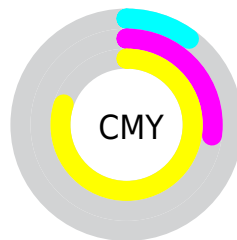
- Red (90%)
- Green (73%)
- Blue (20%)



- Red (42%)
- Yellow (90%)
- Blue (20%)



- Cyan (0%)
- Magenta (19%)
- Yellow (78%)
- Black (10%)



- Cyan (10%)
- Magenta (27%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.3530, 69.2840, -33.1800 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 184.3530, 69.2840, -33.1800 by changing the saturation by 10% instead.

184.3530, 69.2840,
-33.1800

184.3530, 69.2840,
-33.1800

255.0000, -0.0000,
-0.0000

155.2020, 71.0270,
-37.2370

231.1980, 50.4870,
-39.4410

129.4880, 64.4700,
-34.0420

241.4340, 38.1990,
-37.0090

106.1420, 54.0610,
-27.1150

244.6260, 29.2110,
-28.3010

83.3830, 43.3770,
-20.7110

247.8180, 20.2230,
-19.5930

61.5100, 33.0140,
-14.6180

251.1240, 10.9140,
-10.5740

41.4090, 23.2930,
-9.1470

254.5440, 1.2840,

22.1940, 13.8930,

-1.2440

-3.9870

■ 0.0000, 0.0000,
0.0000

■ 184.3530, 69.2840,
-33.1800

■ 184.3530, 69.2840,
-33.1800

■ 178.2090, 78.3170,
-37.1950

■ 190.4970, 60.2510,
-29.1650

■ 172.6520, 87.0750,
-41.7330

■ 196.0540, 51.4930,
-24.6270

■ 171.4950, 88.9550,
-42.7650

■ 202.1980, 42.4600,
-20.6120

■ 207.7550, 33.7020,
-16.0740

■ 213.8990, 24.6690,
-12.0590

■ 219.4560, 15.9110,
-7.5210

■ 225.6000, 6.8780,
-3.5060

■ 231.1570, -1.8800,
1.0320

■ 236.9590, -9.9500,
4.1140

Harmonies

Analogous

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



180.6870, 81.1080, -5.1640



184.3530, 69.2840, -33.1800



178.6070, 21.0540, -51.1860

Triad

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



184.3530, 69.2840, -33.1800



158.8140, -141.3000, -38.3560



192.7780, 29.1500, 55.4380

Complementary

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



184.3530, 69.2840, -33.1800



96.6470, -69.2840, 33.1800

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.



187.9850, -20.8660, 25.7420



184.3530, 69.2840, -33.1800



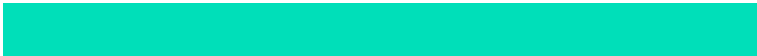
155.8620, -141.2550, -33.6630

Square

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



184.3530, 69.2840, -33.1800



151.9910, -120.7100, -59.0940



147.0570, -137.1300, -25.8180



176.4150, 51.8010, 46.9130

Rectangle

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



184.3530, 69.2840, -33.1800



170.8050, -23.6020, -56.8660



147.0570, -137.1300, -25.8180



194.7720, 20.1190, 48.3990

Sweetspot

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



184.3530, 69.2840, -33.1800



240.0560, 22.7890, -11.0270



109.6510, 92.2390, 51.9430



118.6130, 14.0310, -6.4890



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.



184.3530, 69.2840, -33.1800



194.5230, 91.7520, -43.8960



196.1390, 30.6390, -65.2090



111.8710, 4.6770, -2.1630



133.3530, 69.2840, -33.1800



38.1420, 19.6710, -9.5850

Inverse Universe

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



96.6470, -69.2840, 33.1800



78.4770, -91.7520, 43.8960



84.8610, -30.6390, 65.2090



106.1290, -4.6770, 2.1630



45.6470, -69.2840, 33.1800



12.8580, -19.6710, 9.5850

Previews

White Background



This preview shows how the YIQ color 184.3530, 69.2840, -33.1800 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 184.3530, 69.2840, -33.1800 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 184.3530, 69.2840, -33.1800

Background



This preview shows how black text looks on a background with the YIQ color 184.3530, 69.2840, -33.1800.



This preview shows how white text looks on a background with the YIQ color 184.3530, 69.2840,

-33.1800.

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

184.3530, 69.2840, -33.1800

Protanopia

183.3300, 58.9230, -38.1410

Deuteranopia

184.9350, 76.5730, -27.6110



Tritanopia

195.0310, 34.2460, 18.1340

Trichromacy



Original Color

184.3530, 69.2840, -33.1800

Protanomaly

183.5370, 62.7740, -36.3460

Deuteranomaly

184.7990, 73.9600, -29.8160

Tritanomaly

191.3690, 47.1330, -0.6670

Monochromacy



Original Color

184.3530, 69.2840, -33.1800

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

184.1980, 25.2650, -11.8470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.3530, 69.2840, -33.1800 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(230, 187, 51)` looks like.

```
.text, #text, p{  
    color:rgb(230, 187, 51)  
}
```

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(230, 187, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 187, 51) }
```

Border

The CSS property to change the border of an element to YIQ 184.3530, 69.2840, -33.1800 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(230, 187, 51) }
```


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

```
.border{ border-color:rgb(230, 187, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 187, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 187, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 187, 51);  
box-shadow:4px 4px 4px 4px rgb(230, 187,  
51) }
```

Background

The CSS property to change the background color of an element to YIQ 184.3530, 69.2840, -33.1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 187, 51) }
```

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

```
.background{ background-color: rgb(230,  
187, 51) }
```

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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