

Converting Colors

YIQ(137.4480, -34.3370,
-21.9930)

Have a look what the booklet for
YIQ(137.4480, -34.3370, -21.9930)
contains.

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Color

**YIQ(137.4480, -34.3370,
-21.9930)**

Conversions

Conversions Part 1

Format	Color
Hex	5BA18A
RGB	91, 161, 138
RGB Percent	36%, 63%, 54%
CMY	0.6433, 0.3685, 0.4589
CMYK	0.44, 0.00, 0.14, 0.37
HSL	160°, 28%, 49%
HSV	160°, 44%, 63%
XYZ	21.6451, 29.5559, 28.5973
YIQ	137.4480, -34.3370, -21.9930

Conversions

Conversions Part 2

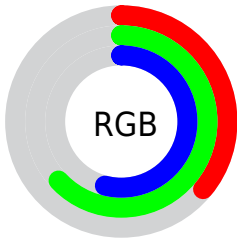
Format	Color
R_{YB}	91, 133, 161
Decimal	6005130
CIE _{Lab}	61.27, -27.72, 5.14
CIE _{LCh}	61, 28.194, 169.493
Yxy	29.5559, 0.2712, 0.3704
Android (android.graphics.Color)	4284195210 (0xFF5BA18A)
YUV	137.4480, 0.2721, -40.7349
Hunter-Lab	54.3653, -24.0711, 6.8679

Details

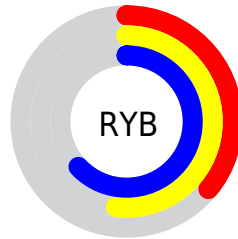
The YIQ color **137.4480, -34.3370, -21.9930** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **114.5520, 34.3370, 21.9930**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.9210, -34.2910, -22.8270**, and **85.0780, -36.1710, -21.7950** is the 20% darker color. If you saturate the color by 10%, you get **132.0940, -42.2680, -26.9400**, and if you desaturate by 10%, it is **142.8020, -26.4060, -17.0460**.

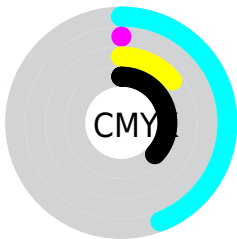
Distribution



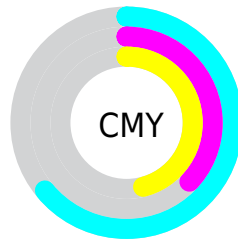
- Red (36%)
- Green (63%)
- Blue (54%)



- Red (36%)
- Yellow (52%)
- Blue (63%)



- Cyan (44%)
- Magenta (0%)
- Yellow (14%)
- Black (37%)



- Cyan (64%)
- Magenta (37%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.4480, -34.3370, -21.9930 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 137.4480, -34.3370, -21.9930 by changing the saturation by 10% instead.

■ 137.4480,
-34.3370, -21.9930

■ 137.4480,
-34.3370, -21.9930

■ 255.0000, -0.0000,
-0.0000

■ 111.5620,
-34.6580, -21.6820

■ 191.9210,
-34.2910, -22.8270

■ 85.0780, -36.1710,
-21.7950

■ 220.2090,
-35.1620, -23.5620

■ 57.0170, -43.3690,
-23.5050

■ 237.7570,
-30.5330, -13.8370

■ 40.7090, -30.5780,
-18.5300

■ 247.2260,
-15.4960, -5.5120

■ 25.4010, -17.7870,
-13.5550

■ 5.2830, -2.4750,
-4.7070

■ 0.0000, 0.0000,

0.0000

■ 137.4480,
-34.3370, -21.9930

■ 137.4480,
-34.3370, -21.9930

■ 132.0940,
-42.2680, -26.9400

■ 142.8020,
-26.4060, -17.0460

■ 126.6260,
-49.8780, -32.1980

■ 148.2700,
-18.7960, -11.7880

■ 121.2720,
-57.8090, -37.1450

■ 153.6240,
-10.8650, -6.8410

■ 115.9180,
-65.7400, -42.0920

■ 158.9780, -2.9340,
-1.8940

■ 110.1510,
-73.9460, -47.5620

■ 164.3320, 4.9970,
3.0530

■ 106.8190,
-78.9430, -50.6150

■ 170.0990, 13.2030,
8.5230

■ 175.4530, 21.1340,
13.4700

■ 180.8070, 29.0650,
18.4170

■ 186.2750, 36.6750,
23.6750

Harmonies

Analogous

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



141.7360, -8.8450, -21.4290



137.4480, -34.3370, -21.9930



133.5350, -56.3910, -18.7830

Triad

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



137.4480, -34.3370, -21.9930



148.9060, -19.6260, 14.2780



149.0080, 41.0800, 4.4080

Complementary

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



137.4480, -34.3370, -21.9930



114.5520, 34.3370, 21.9930

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.



150.5600, 39.8860, 15.0380



137.4480, -34.3370, -21.9930



151.4810, 6.7360, 21.1040

Square

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



137.4480, -34.3370, -21.9930



142.6530, -44.1990, 2.5610



151.4310, 27.3680, 21.6400



146.9540, 32.0040, -7.3240

Rectangle

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



137.4480, -34.3370, -21.9930



134.0600, -62.1230, -14.0190



151.4310, 27.3680, 21.6400



149.4150, 41.4920, 7.9560

Sweetspot

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



137.4480, -34.3370, -21.9930



199.9010, -13.2030, -8.5230



138.9670, -5.5420, -31.7340



99.2330, -8.2060, -5.4700



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



137.4480, -34.3370, -21.9930



172.3050, -53.4080, -34.3040



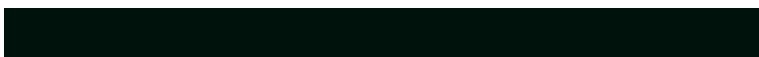
133.0260, -38.4200, -8.5640



78.9670, -4.4010, -2.8410



96.2870, -71.3330, -45.3570



11.9340, -8.8020, -5.6820

Inverse Universe

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



114.5520, 34.3370, 21.9930



136.6950, 53.4080, 34.3040



118.9740, 38.4200, 8.5640



76.0330, 4.4010, 2.8410



48.8270, 71.0120, 45.6680



6.0660, 8.8020, 5.6820

Previews

White Background



This preview shows how the YIQ color 137.4480, -34.3370, -21.9930 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 137.4480, -34.3370, -21.9930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

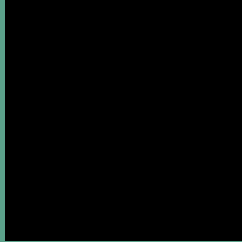
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.4480, -34.3370, -21.9930 Background



This preview shows how black text looks on a background with the YIQ color 137.4480, -34.3370, -21.9930.



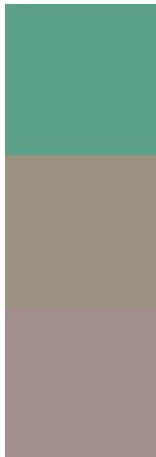
This preview shows how white text looks on a background with the YIQ color 137.4480, -34.3370, -21.9930.

-21.9930.

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

137.4480, -34.3370, -21.9930

Protanopia

147.1550, 9.6290, -3.8030

Deuteranopia

148.2790, 12.5160, 4.4520



Tritanopia

141.0260, -38.4200, -8.5640

Trichromacy



Original Color

137.4480, -34.3370, -21.9930

Protanomaly

143.5550, -6.4170, -10.3610

Deuteranomaly

144.5000, -4.5840, -5.0320

Tritanomaly

139.4620, -36.9520, -13.1440

Monochromacy



Original Color

137.4480, -34.3370, -21.9930

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.2000, -12.6070, -8.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.4480, -34.3370, -21.9930 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(91, 161, 138)` looks like.

```
.text, #text, p{  
    color:rgb(91, 161, 138)  
}
```

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(91, 161, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 161, 138) }
```

Border

The CSS property to change the border of an element to YIQ 137.4480, -34.3370, -21.9930 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(91, 161, 138) }
```


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

```
.border{ border-color:rgb(91, 161, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 161, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 161, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 161, 138);  
box-shadow:4px 4px 4px 4px rgb(91, 161,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 137.4480, -34.3370, -21.9930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 161, 138) }
```

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

```
.background{ background-color: rgb(91, 161,  
138) }
```

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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