

Converting Colors

YIQ(137.5470, -21.1340,
-13.4700)

Have a look what the booklet for
YIQ(137.5470, -21.1340, -13.4700)
contains.

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Color

**YIQ(137.5470, -21.1340,
-13.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	6D988A
RGB	109, 152, 138
RGB Percent	43%, 60%, 54%
CMY	0.5727, 0.4038, 0.4589
CMYK	0.28, 0.00, 0.09, 0.40
HSL	160°, 17%, 51%
HSV	160°, 28%, 60%
XYZ	22.1205, 27.5462, 28.1888
YIQ	137.5470, -21.1340, -13.4700

Conversions

Conversions Part 2

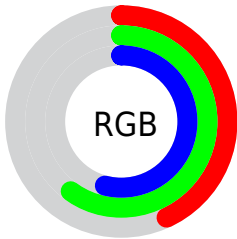
Format	Color
RYB	109, 135, 152
Decimal	7182474
CIELab	59.48, -17.78, 2.66
CIElCh	59, 17.974, 171.478
Yxy	27.5462, 0.2841, 0.3538
Android (android.graphics.Color)	4285372554 (0xFF6D988A)
YUV	137.5470, 0.2233, -25.0357
Hunter-Lab	52.4845, -16.6160, 4.8952

Details

The YIQ color **137.5470, -21.1340, -13.4700** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **123.4530, 21.1340, 13.4700**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.1340, -21.4090, -13.9930**, and **87.2590, -20.2630, -12.7350** is the 20% darker color. If you saturate the color by 10%, you get **132.4920, -28.4690, -18.2050**, and if you desaturate by 10%, it is **142.6020, -13.7990, -8.7350**.

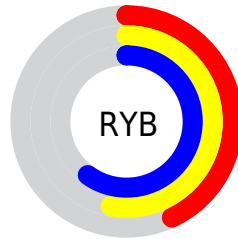
Distribution



Red (43%)

Green (60%)

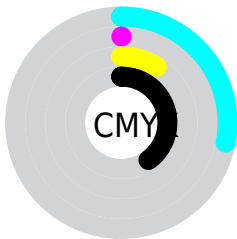
Blue (54%)



Red (43%)

Yellow (53%)

Blue (60%)

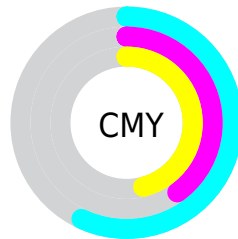


Cyan (28%)

Magenta (0%)

Yellow (9%)

Black (40%)



Cyan (57%)

Magenta (40%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.5470, -21.1340, -13.4700 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 137.5470, -21.1340, -13.4700 by changing the saturation by 10% instead.

■ 137.5470,
-21.1340, -13.4700

■ 137.5470,
-21.1340, -13.4700

■ 255.0000, -0.0000,
-0.0000

■ 111.9600,
-20.8590, -12.9470

■ 191.1340,
-21.4090, -13.9930

■ 87.2590, -20.2630,
-12.7350

■ 219.4220,
-22.2800, -14.7280

■ 63.3730, -20.5840,
-12.4240

■ 242.8400,
-20.4010, -10.2330

■ 39.8890, -22.0970,
-12.5370

■ 252.3090, -5.3640,
-1.9080

■ 21.2920, -15.8620,
-9.8940

■ 0.0000, 0.0000,
0.0000

■ 137.5470,
-21.1340, -13.4700

■ 137.5470,
-21.1340, -13.4700

■ 132.4920,
-28.4690, -18.2050

■ 142.6020,
-13.7990, -8.7350

■ 127.4370,
-35.8040, -22.9400

■ 147.6570, -6.4640,
-4.0000

■ 122.0830,
-43.7350, -27.8870

■ 153.0110, 1.4670,
0.9470

■ 117.0280,
-51.0700, -32.6220

■ 158.0660, 8.8020,
5.6820

■ 111.9730,
-58.4050, -37.3570

■ 163.1210, 16.1370,
10.4170

■ 106.9180,
-65.7400, -42.0920

■ 168.1760, 23.4720,
15.1520

■ 101.8630,
-73.0750, -46.8270

■ 173.2310, 30.8070,
19.8870

■ 100.8520,

■ 178.5850, 38.7380,

-74.5420, -47.7740

24.8340

 183.6400, 46.0730,
29.5690

Harmonies

Analogous

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



139.4470, -6.2330, -13.6970



137.5470, -21.1340, -13.4700



136.6800, -31.6340, -10.4020

Triad

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



137.5470, -21.1340, -13.4700



144.2350, -10.5470, 9.4290



144.5270, 26.3170, 2.1330

Complementary

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



137.5470, -21.1340, -13.4700



123.4530, 21.1340, 13.4700

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.



145.1560, 26.2240, 9.3280



137.5470, -21.1340, -13.4700



145.9550, 5.0410, 13.2730

Square

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



137.5470, -21.1340, -13.4700



141.1190, -25.0800, 2.9840



145.7840, 18.7040, 13.4560



143.3750, 20.6330, -4.9910

Rectangle

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



137.5470, -21.1340, -13.4700



137.5320, -33.9730, -6.5570



145.7840, 18.7040, 13.4560



144.7060, 27.3710, 5.0590

Sweetspot

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



137.5470, -21.1340, -13.4700



193.6460, -7.9310, -4.9470



138.4270, -3.4810, -19.5210



95.9670, -4.4010, -2.8410



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



137.5470, -21.1340, -13.4700



176.1600, -33.4660, -21.2580



135.0340, -23.7030, -5.4550



74.2660, -3.8050, -2.6290



93.0100, -68.9950, -43.6750



8.6570, -6.4640, -4.0000

Inverse Universe

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



123.4530, 21.1340, 13.4700



153.8400, 33.4660, 21.2580



125.9660, 23.7030, 5.4550



71.6200, 4.1260, 2.3180



47.1040, 68.6740, 43.9860



4.3430, 6.4640, 4.0000

Previews

White Background



This preview shows how the YIQ color 137.5470, -21.1340, -13.4700 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 137.5470, -21.1340, -13.4700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

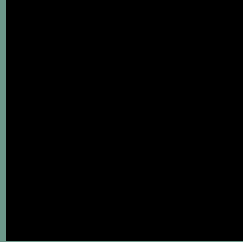
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

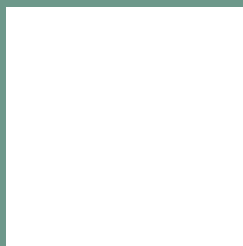
Any Text WCAG AAA × Fail

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

YIQ 137.5470, -21.1340, -13.4700 Background



This preview shows how black text looks on a background with the YIQ color 137.5470, -21.1340, -13.4700.



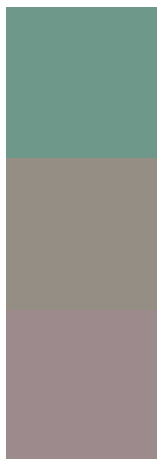
This preview shows how white text looks on a background with the YIQ color 137.5470, -21.1340, -13.4700.

-13.4700.

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

137.5470, -21.1340, -13.4700

Protanopia

142.7680, 6.4650, -1.5270

Deuteranopia

144.0230, 10.3610, 4.9610



Tritanopia

139.9030, -24.7120, -3.6880

Trichromacy



Original Color

137.5470, -21.1340, -13.4700

Protanomaly

141.1580, -3.6210, -5.9650

Deuteranomaly

141.7610, -0.8250, -1.5690

Tritanomaly

138.9800, -23.6110, -7.1230

Monochromacy



Original Color

137.5470, -21.1340, -13.4700

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.6460, -7.9310, -4.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.5470, -21.1340, -13.4700 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(109, 152, 138)` looks like.

```
.text, #text, p{  
    color:rgb(109, 152, 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(109, 152, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 152, 138) }
```

Border

The CSS property to change the border of an element to YIQ 137.5470, -21.1340, -13.4700 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

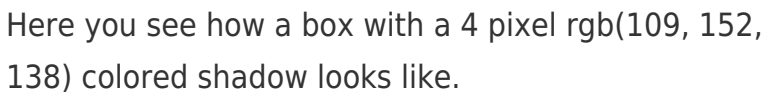
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 152, 138) }
```


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

```
.border{ border-color:rgb(109, 152, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(109, 152, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 152, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 152, 138);  
box-shadow:4px 4px 4px 4px rgb(109, 152,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 137.5470, -21.1340, -13.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 152, 138) }
```

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

```
.background{ background-color: rgb(109,  
152, 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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