

Converting Colors

YIQ(138.0930, 21.3670, -7.2810)

Have a look what the booklet for
YIQ(138.0930, 21.3670, -7.2810)
contains.

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Color

**YIQ(138.0930, 21.3670,
-7.2810)**

Conversions

Conversions Part 1

Format	Color
Hex	9A8966
RGB	154, 137, 102
RGB Percent	60%, 54%, 40%
CMY	0.3961, 0.4628, 0.5999
CMYK	0.00, 0.11, 0.34, 0.40
HSL	40°, 20%, 50%
HSV	40°, 34%, 60%
XYZ	24.6717, 25.7196, 16.2418
YIQ	138.0930, 21.3670, -7.2810

Conversions

Conversions Part 2

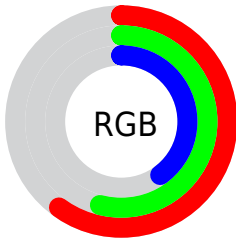
Format	Color
R_{YB}	127, 154, 102
Decimal	10127718
CIE _{Lab}	57.77, 0.98, 21.12
CIE _{LCh}	58, 21.143, 87.353
Yxy	25.7196, 0.3703, 0.3860
Android (android.graphics.Color)	4288317798 (0xFF9A8966)
YUV	138.0930, -17.7938, 13.9504
Hunter-Lab	50.7145, -1.9136, 16.5119

Details

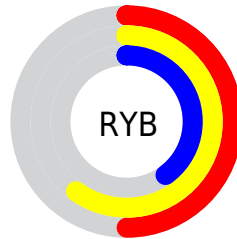
The YIQ color **138.0930, 21.3670, -7.2810** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **117.9070, -21.3670, 7.2810**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.4630, 23.2010, -7.4790**, and **87.8370, 19.2120, -6.7720** is the 20% darker color. If you saturate the color by 10%, you get **133.4480, 27.5570, -9.3310**, and if you desaturate by 10%, it is **142.7380, 15.1770, -5.2310**.

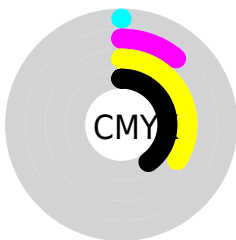
Distribution



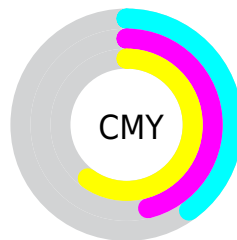
- Red (60%)
- Green (54%)
- Blue (40%)



- Red (50%)
- Yellow (60%)
- Blue (40%)



- Cyan (0%)
- Magenta (11%)
- Yellow (34%)
- Black (40%)



- Cyan (40%)
- Magenta (46%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.0930, 21.3670, -7.2810 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 138.0930, 21.3670, -7.2810 by changing the saturation by 10% instead.

■ 138.0930, 21.3670,
-7.2810

■ 138.0930, 21.3670,
-7.2810

■ 255.0000, -0.0000,
-0.0000

■ 112.9080, 20.4500,
-7.1820

■ 191.4630, 23.2010,
-7.4790

■ 87.8370, 19.2120,
-6.7720

■ 219.6480, 24.1180,
-7.5780

■ 64.3530, 17.6990,
-6.8850

■ 244.9460, 17.2870,
-10.4330

■ 42.0540, 17.1030,
-7.0970

■ 252.8340, 6.0990,
-5.9090

■ 22.1830, 12.4260,
-4.9340

■ 0.0000, 0.0000,
0.0000

■ 138.0930, 21.3670,
-7.2810

■ 138.0930, 21.3670,
-7.2810

■ 133.4480, 27.5570,
-9.3310

■ 142.7380, 15.1770,
-5.2310

■ 128.6890, 34.0680,
-11.6920

■ 147.4970, 8.6660,
-2.8700

■ 124.0440, 40.2580,
-13.7420

■ 152.1420, 2.4760,
-0.8200

■ 119.2850, 46.7690,
-16.1030

■ 156.9010, -4.0350,
1.5410

■ 114.6400, 52.9590,
-18.1530

■ 161.5460,
-10.2250, 3.5910

■ 109.9950, 59.1490,
-20.2030

■ 166.1910,
-16.4150, 5.6410

■ 107.0940, 63.1840,
-21.7440

■ 170.9500,
-22.9260, 8.0020

■ 175.5950,

-29.1160, 10.0520

■ 180.3540,
-35.6270, 12.4130

Harmonies

Analogous

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



139.7400, 30.0310, 0.9030



138.0930, 21.3670, -7.2810



136.0910, 6.5130, -13.4150

Triad

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



138.0930, 21.3670, -7.2810



130.5480, -40.0700, -11.7020



141.9880, 9.4420, 16.1140

Complementary

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



138.0930, 21.3670, -7.2810



117.9070, -21.3670, 7.2810

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.



140.5990, -8.5760, 12.2560



138.0930, 21.3670, -7.2810



132.4760, -39.5670, -4.2950

Square

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



138.0930, 21.3670, -7.2810



131.0730, -28.6070, -15.7030



136.8030, -27.0060, 4.8500



142.0620, 23.7930, 14.8410

Rectangle

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



138.0930, 21.3670, -7.2810



134.4640, -4.9030, -15.7750



136.8030, -27.0060, 4.8500



141.9380, 3.7110, 15.3510

Sweetspot

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



138.0930, 21.3670, -7.2810



195.1980, 8.0700, -3.0820



119.4860, 25.5350, 16.3110



98.2840, 4.9520, -1.6400



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



138.0930, 21.3670, -7.2810



176.6180, 32.8300, -11.2820



145.3810, 11.3280, -18.0800



74.3270, 3.3930, -0.9190



97.0380, 57.5900, -19.4820



9.1700, 5.2730, -1.9510

Inverse Universe

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



117.9070, -21.3670, 7.2810



145.3820, -32.8300, 11.2820



110.6190, -11.3280, 18.0800



71.0860, -3.1180, 1.4420



42.9620, -57.5900, 19.4820



3.8300, -5.2730, 1.9510

Previews

White Background



This preview shows how the YIQ color 138.0930, 21.3670, -7.2810 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 138.0930, 21.3670, -7.2810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

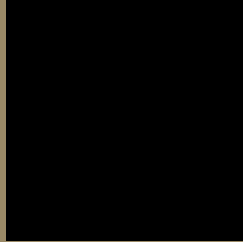
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.0930, 21.3670, -7.2810

Background



This preview shows how black text looks on a background with the YIQ color 138.0930, 21.3670, -7.2810.



This preview shows how white text looks on a background with the YIQ color 138.0930, 21.3670, -7.2810.

-7.2810.

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

138.0930, 21.3670, -7.2810

Protanopia

137.8860, 17.5160, -9.0760

Deuteranopia

138.8490, 28.1060, -2.7580



Tritanopia

140.9140, 12.2860, 8.6220

Trichromacy



Original Color

138.0930, 21.3670, -7.2810

Protanomaly

137.8970, 18.9830, -8.1290

Deuteranomaly

138.2400, 25.4470, -4.1290

Tritanomaly

140.0790, 15.9550, 2.6990

Monochromacy



Original Color

138.0930, 21.3670, -7.2810

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.3120, 7.7490, -2.7710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.0930, 21.3670, -7.2810 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(154, 137, 102)` looks like.

```
.text, #text, p{  
    color:rgb(154, 137, 102)  
}
```

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(154, 137, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 137, 102) }
```

Border

The CSS property to change the border of an element to YIQ 138.0930, 21.3670, -7.2810 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(154, 137, 102) }
```


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

```
.border{ border-color:rgb(154, 137, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 137, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 137, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 137, 102);  
box-shadow:4px 4px 4px 4px rgb(154, 137,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 138.0930, 21.3670, -7.2810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 137, 102) }
```

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

```
.background{ background-color: rgb(154,  
137, 102) }
```

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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