

Converting Colors

YIQ(138.5230, -3.3910,
-10.1350)

Have a look what the booklet for
YIQ(138.5230, -3.3910, -10.1350)
contains.

YIQ(138.5230, -3.3910, -10.1350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(138.5230, -3.3910,
-10.1350)**

Conversions

Conversions Part 1

Format	Color
Hex	81927D
RGB	129, 146, 125
RGB Percent	51%, 57%, 49%
CMY	0.4942, 0.4274, 0.5098
CMYK	0.12, 0.00, 0.14, 0.43
HSL	109°, 9%, 53%
HSV	109°, 14%, 57%
XYZ	23.0329, 26.7067, 23.3432
YIQ	138.5230, -3.3910, -10.1350

Conversions

Conversions Part 2

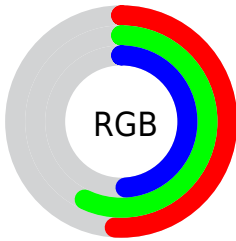
Format	Color
R _Y B	125, 146, 142
Decimal	8491645
CIE Lab	58.70, -10.26, 9.10
CIE LCh	59, 13.715, 138.456
Yxy	26.7067, 0.3152, 0.3654
Android (android.graphics.Color)	4286681725 (0xFF81927D)
YUV	138.5230, -6.6668, -8.3517
Hunter-Lab	51.6785, -10.8808, 9.3936

Details

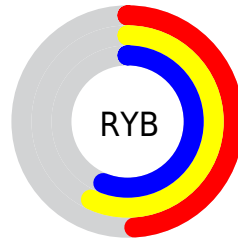
The YIQ color $138.5230, -3.3910, -10.1350$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $132.4770, 3.3910, 10.1350$, and the grayscale version is $139.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $192.1100, -3.6660, -10.6580$, and $88.3490, -2.8410, -9.0890$ is the 20% darker color. If you saturate the color by 10%, you get $133.2250, -5.7280, -17.3440$, and if you desaturate by 10%, it is $143.8210, -1.0540, -2.9260$.

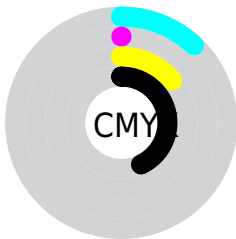
Distribution



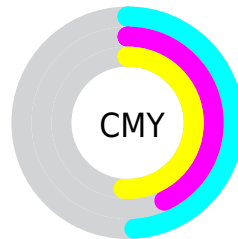
- Red (51%)
- Green (57%)
- Blue (49%)



- Red (49%)
- Yellow (57%)
- Blue (56%)



- Cyan (12%)
- Magenta (0%)
- Yellow (14%)
- Black (43%)



- Cyan (49%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.5230, -3.3910, -10.1350 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 138.5230, -3.3910, -10.1350 by changing the saturation by 10% instead.

■ 138.5230, -3.3910,
-10.1350

■ 138.5230, -3.3910,
-10.1350

■ 255.0000, -0.0000,
-0.0000

■ 112.9360, -3.1160,
-9.6120

■ 192.1100, -3.6660,
-10.6580

■ 88.9360, -3.1160,
-9.6120

■ 219.9960, -3.3450,
-10.9690

■ 65.3490, -2.8410,
-9.0890

■ 247.4090, -3.0700,
-10.4460

■ 42.8760, -2.8870,
-8.2550

■ 21.9470, -1.6490,
-8.6650

■ 0.0000, 0.0000,
0.0000

■ 138.5230, -3.3910,
-10.1350

■ 138.5230, -3.3910,
-10.1350

■ 133.2250, -5.7280,
-17.3440

■ 143.8210, -1.0540,
-2.9260

■ 128.0410, -8.3860,
-24.2420

■ 149.0050, 1.6040,
3.9720

■ 122.7430,
-10.7230, -31.4510

■ 154.0040, 3.3450,
10.9690

■ 117.8580,
-12.7850, -38.1370

■ 159.1880, 6.0030,
17.8670

■ 112.5600,
-15.1220, -45.3460

■ 164.4860, 8.3400,
25.0760

■ 107.2620,
-17.4590, -52.5550

■ 169.7840, 10.6770,
32.2850

■ 102.0780,
-20.1170, -59.4530


■ 174.9680, 13.3350,
39.1830


■ 96.7800, -22.4540,

■ 180.2660, 15.6720,

-66.6620

46.3920

 94.0740, -23.4620,
-70.4220

 185.0370, 18.0550,
52.7670

Harmonies

Analogous

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



140.1500, 8.0250, -7.7750



138.5230, -3.3910, -10.1350



137.3630, -14.6240, -10.3040

Triad

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



138.5230, -3.3910, -10.1350



139.7020, -19.5320, 1.5560



143.2800, 19.9430, 7.5190

Complementary

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



138.5230, -3.3910, -10.1350



132.4770, 3.3910, 10.1350

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.



143.4520, 13.7070, 10.4030



138.5230, -3.3910, -10.1350



142.1380, -8.8960, 7.0400

Square

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



138.5230, -3.3910, -10.1350



137.9030, -24.7120, -3.6880



143.1780, 2.7950, 9.9230



142.4170, 20.8150, 2.7270

Rectangle

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



138.5230, -3.3910, -10.1350



136.7800, -20.1720, -8.8760



143.1780, 2.7950, 9.9230



143.4370, 18.0630, 8.5510

Sweetspot

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



138.5230, -3.3910, -10.1350



186.2940, -1.0080, -3.7600



141.2580, 7.8410, -4.4390



92.6470, -0.5040, -1.8800



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



138.5230, -3.3910, -10.1350



177.5780, -5.2240, -15.4640



138.0110, -7.7010, -9.1170



71.4080, -1.3290, -3.4490



88.7800, -22.4540, -66.6620



6.4680, -1.5580, -4.8060

Inverse Universe

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



132.4770, 3.3910, 10.1350



168.4220, 5.2240, 15.4640



132.9890, 7.7010, 9.1170



69.5920, 1.3290, 3.4490



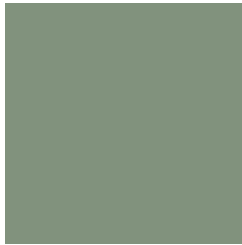
49.2200, 22.4540, 66.6620



3.5320, 1.5580, 4.8060

Previews

White Background



This preview shows how the YIQ color 138.5230, -3.3910, -10.1350 looks on a white background.

Color Contrast Check

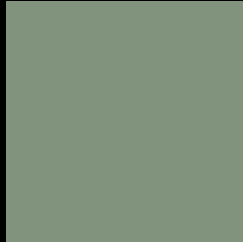
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.5230, -3.3910, -10.1350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

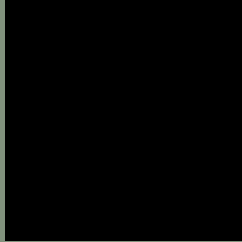
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.5230, -3.3910, -10.1350

Background



This preview shows how black text looks on a background with the YIQ color 138.5230, -3.3910, -10.1350.



This preview shows how white text looks on a background with the YIQ color 138.5230, -3.3910,

-10.1350.

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

138.5230, -3.3910, -10.1350

Protanopia

140.9270, 10.2710, -4.4250

Deuteranopia

142.1500, 17.1930, 2.2890



Tritanopia

140.8620, -8.2990, 1.7250

Trichromacy



Original Color

138.5230, -3.3910, -10.1350

Protanomaly

140.1220, 5.2280, -6.6440

Deuteranomaly

141.0950, 9.8580, -2.4460

Tritanomaly

139.7110, -6.5560, -2.3320

Monochromacy



Original Color

138.5230, -3.3910, -10.1350

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.9950, -1.6040, -3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.5230, -3.3910, -10.1350 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(129, 146, 125)` looks like.

```
.text, #text, p{  
    color:rgb(129, 146, 125)  
}
```

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(129, 146, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 146, 125) }
```

Border

The CSS property to change the border of an element to YIQ 138.5230, -3.3910, -10.1350 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(129, 146, 125) }
```


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

```
.border{ border-color:rgb(129, 146, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 146, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 146, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 146, 125);  
box-shadow:4px 4px 4px 4px rgb(129, 146,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 138.5230, -3.3910, -10.1350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 146, 125) }
```

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

```
.background{ background-color: rgb(129,  
146, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor