

Converting Colors

YIQ(137.3310, -2.4300, -0.0140)

Have a look what the booklet for
YIQ(137.3310, -2.4300, -0.0140)
contains.

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Color

**YIQ(137.3310, -2.4300,
-0.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	878A8C
RGB	135, 138, 140
RGB Percent	53%, 54%, 55%
CMY	0.4706, 0.4588, 0.4510
CMYK	0.04, 0.01, 0.00, 0.45
HSL	204°, 2%, 54%
HSV	204°, 4%, 55%
XYZ	23.8135, 25.2215, 28.4230
YIQ	137.3310, -2.4300, -0.0140

Conversions

Conversions Part 2

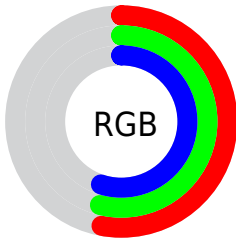
Format	Color
R_{YB}	135, 137, 140
Decimal	8882828
CIE _{Lab}	57.29, -0.70, -1.46
CIE _{LCh}	57, 1.616, 244.380
Yxy	25.2215, 0.3074, 0.3256
Android (android.graphics.Color)	4287072908 (0xFF878A8C)
YUV	137.3310, 1.3158, -2.0443
Hunter-Lab	50.2210, -3.2465, 1.5990

Details

The YIQ color $137.3310, -2.4300, -0.0140$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $137.6690, 2.4300, 0.0140$, and the grayscale version is $137.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $190.3310, -2.4300, -0.0140$, and $87.3310, -2.4300, -0.0140$ is the 20% darker color. If you saturate the color by 10%, you get $129.6230, -9.1240, 0.1560$, and if you desaturate by 10%, it is $145.0390, 4.2640, -0.1840$.

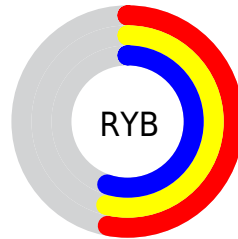
Distribution



Red (53%)

Green (54%)

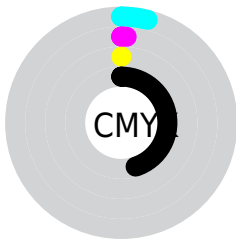
Blue (55%)



Red (53%)

Yellow (54%)

Blue (55%)

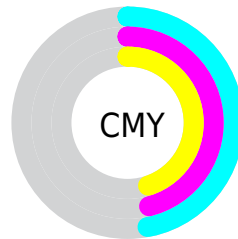


Cyan (4%)

Magenta (1%)

Yellow (0%)

Black (45%)



Cyan (47%)

Magenta (46%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.3310, -2.4300, -0.0140 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 137.3310, -2.4300, -0.0140 by changing the saturation by 10% instead.

■ 137.3310, -2.4300,
-0.0140

■ 137.3310, -2.4300,
-0.0140

■ 255.0000, -0.0000,
-0.0000

■ 112.3310, -2.4300,
-0.0140

■ 190.3310, -2.4300,
-0.0140

■ 87.3310, -2.4300,
-0.0140

■ 218.3310, -2.4300,
-0.0140

■ 64.3310, -2.4300,
-0.0140

■ 247.0320, -3.0260,
-0.2260

■ 42.3310, -2.4300,
-0.0140

■ 21.6300, -1.8340,
0.1980

■ 0.0000, 0.0000,
0.0000

■ 137.3310, -2.4300,
-0.0140

■ 137.3310, -2.4300,
-0.0140

■ 129.6230, -9.1240,
0.1560

■ 145.0390, 4.2640,
-0.1840

■ 122.5020,
-16.0930, -0.1970

■ 152.1600, 11.2330,
0.1690

■ 114.7940,
-22.7870, -0.0270

■ 159.8680, 17.9270,
-0.0010

■ 107.6730,
-29.7560, -0.3800

■ 166.9890, 24.8960,
0.3520

■ 99.9650, -36.4500,
-0.2100

■ 174.6970, 31.5900,
0.1820

■ 92.8440, -43.4190,
-0.5630

■ 182.4050, 38.2840,
0.0120

■ 85.1360, -50.1130,
-0.3930

■ 189.5260, 45.2530,
0.3650

■ 77.4280, -56.8070,

■ 197.2340, 51.9470,

-0.2230

0.1950

■ 70.3070, -63.7760,
-0.5760

■ 202.5610, 55.3400,
-0.7240

Harmonies

Analogous

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



136.9180, -2.7050, -0.5370



137.3310, -2.4300, -0.0140



137.6300, -1.8340, 0.1980

Triad

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



137.3310, -2.4300, -0.0140



138.1960, 2.3840, 0.8480



137.3590, 0.3670, -1.1450

Complementary

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



137.3310, -2.4300, -0.0140



137.6690, 2.4300, 0.0140

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.



137.3700, 1.8340, -0.1980



137.3310, -2.4300, -0.0140



138.0820, 2.7050, 0.5370

Square

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



137.3310, -2.4300, -0.0140



138.1250, 1.1460, 1.2580



137.6690, 2.4300, 0.0140



136.8750, -1.1460, -1.2580

Rectangle

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



137.3310, -2.4300, -0.0140



137.6410, -0.3670, 1.1450



137.6690, 2.4300, 0.0140



137.3590, 0.3670, -1.1450

Sweetspot

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



137.3310, -2.4300, -0.0140



179.8150, -0.9170, 0.0990



138.1630, -2.0170, -1.9930



91.1140, -0.3210, 0.3110



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



137.3310, -2.4300, -0.0140



177.1460, -3.3470, 0.0850



136.1570, -1.8800, 1.0320



66.6300, -1.8340, 0.1980



62.1220, -64.6930, -0.4770



2.3310, -2.4300, -0.0140

Inverse Universe

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



136.8370, 2.0170, 1.9930



176.5490, 2.8880, 2.7280



138.8430, 1.8800, -1.0320



66.4240, 1.7420, 1.4700



48.8870, 53.5880, 53.0760



1.8370, 2.0170, 1.9930

Previews

White Background



This preview shows how the YIQ color 137.3310, -2.4300, -0.0140 looks on a white background.

Color Contrast Check

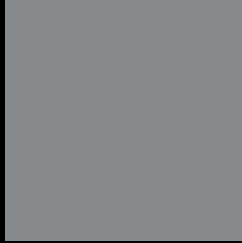
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.3310, -2.4300, -0.0140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

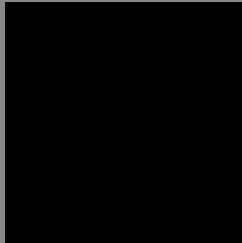
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

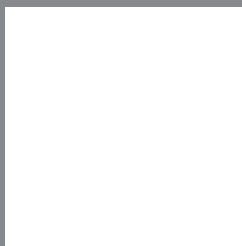
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 137.3310, -2.4300, -0.0140

Background



This preview shows how black text looks on a background with the YIQ color 137.3310, -2.4300, -0.0140.



This preview shows how white text looks on a background with the YIQ color 137.3310, -2.4300,

-0.0140.

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

137.3310, -2.4300, -0.0140

Protanopia

137.8260, 0.5500, 1.0460

Deuteranopia

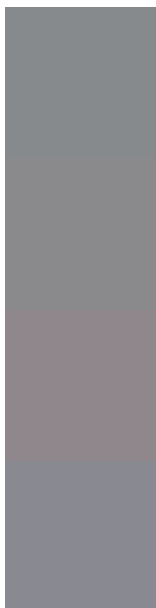
138.6960, 6.9680, 5.8800



Tritanopia

137.9550, -4.1270, 3.2090

Trichromacy



Original Color

137.3310, -2.4300, -0.0140

Protanomaly

137.5270, -0.0460, 0.8340

Deuteranomaly

138.3750, 3.4380, 3.7740

Tritanomaly

137.6130, -3.1640, 2.2760

Monochromacy



Original Color

137.3310, -2.4300, -0.0140

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.8150, -0.9170, 0.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.3310, -2.4300, -0.0140 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(135, 138, 140)` looks like.

```
.text, #text, p{  
    color:rgb(135, 138, 140)  
}
```

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(135, 138, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 138, 140) }
```

Border

The CSS property to change the border of an element to YIQ 137.3310, -2.4300, -0.0140 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(135, 138, 140) }
```


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

```
.border{ border-color:rgb(135, 138, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 138, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 138, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 138, 140);  
box-shadow:4px 4px 4px 4px rgb(135, 138,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 137.3310, -2.4300, -0.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 138, 140) }
```

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

```
.background{ background-color: rgb(135,  
138, 140) }
```

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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