

Converting Colors

YIQ(137.3630, -5.4560, -0.2400)

Have a look what the booklet for
YIQ(137.3630, -5.4560, -0.2400)
contains.

YIQ(137.3630, -5.4560, -0.2400)	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(137.3630, -5.4560,
-0.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	848B8F
RGB	132, 139, 143
RGB Percent	52%, 55%, 56%
CMY	0.4824, 0.4549, 0.4392
CMYK	0.08, 0.03, 0.00, 0.44
HSL	202°, 5%, 54%
HSV	202°, 8%, 56%
XYZ	23.7056, 25.3543, 29.6285
YIQ	137.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

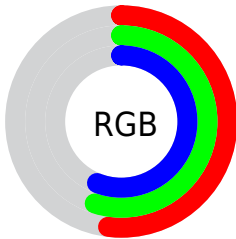
Format	Color
R_{YB}	132, 136, 143
Decimal	8686479
CIE _{Lab}	57.42, -1.73, -3.02
CIE _{LCh}	57, 3.478, 240.190
Yxy	25.3543, 0.3013, 0.3222
Android (android.graphics.Color)	4286876559 (0xFF848B8F)
YUV	137.3630, 2.7790, -4.7034
Hunter-Lab	50.3531, -4.0821, 0.3600

Details

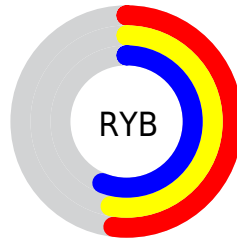
The YIQ color $137.3630, -5.4560, -0.2400$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $137.6370, 5.4560, 0.2400$, and the grayscale version is $137.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $190.4770, -5.7770, 0.0710$, and $87.6620, -4.8600, -0.0280$ is the 20% darker color. If you saturate the color by 10%, you get $130.2420, -12.4250, -0.5930$, and if you desaturate by 10%, it is $144.4840, 1.5130, 0.1130$.

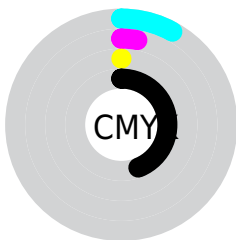
Distribution



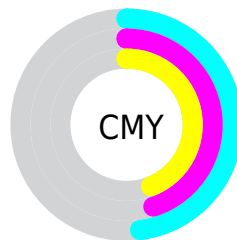
- Red (52%)
- Green (55%)
- Blue (56%)



- Red (52%)
- Yellow (53%)
- Blue (56%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (44%)



- Cyan (48%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.3630, -5.4560, -0.2400 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 137.3630, -5.4560, -0.2400 by changing the saturation by 10% instead.

■ 137.3630, -5.4560,
-0.2400

■ 137.3630, -5.4560,
-0.2400

■ 255.0000, -0.0000,
-0.0000

■ 112.2490, -5.1350,
-0.5510

■ 190.4770, -5.7770,
0.0710

■ 87.6620, -4.8600,
-0.0280

■ 218.4770, -5.7770,
0.0710

■ 64.2490, -5.1350,
-0.5510

■ 247.0640, -6.0520,
-0.4520

■ 42.5480, -4.5390,
-0.3390

■ 21.5480, -4.5390,
-0.3390

■ 0.0000, 0.0000,
0.0000

■ 137.3630, -5.4560,
-0.2400

■ 137.3630, -5.4560,
-0.2400

■ 130.2420,
-12.4250, -0.5930

■ 144.4840, 1.5130,
0.1130

■ 122.8220,
-19.9900, -1.1580

■ 151.9040, 9.0780,
0.6780

■ 115.1140,
-26.6840, -0.9880

■ 159.6120, 15.7720,
0.5080

■ 107.9930,
-33.6530, -1.3410

■ 166.7330, 22.7410,
0.8610

■ 100.8720,
-40.6220, -1.6940

■ 173.8540, 29.7100,
1.2140

■ 93.4520, -48.1870,
-2.2590

■ 181.2740, 37.2750,
1.7790

■ 86.3310, -55.1560,
-2.6120

■ 188.3950, 44.2440,
2.1320

■ 79.2100, -62.1250,

■ 195.5160, 51.2130,

-2.9650

2.4850

■ 71.2030, -69.4150,
-3.0070

■ 201.7290, 54.9270,
1.2550

Harmonies

Analogous

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



137.4230, -5.6850, -1.5970



137.3630, -5.4560, -0.2400



137.7870, -3.7140, 1.2300

Triad

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



137.3630, -5.4560, -0.2400



138.6200, 4.1260, 2.3180



137.7180, 0.7340, -2.2900

Complementary

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



137.3630, -5.4560, -0.2400



137.6370, 5.4560, 0.2400

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.



138.2130, 3.7140, -1.2300



137.3630, -5.4560, -0.2400



138.5770, 5.6850, 1.5970

Square

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



137.3630, -5.4560, -0.2400



138.3640, 1.9710, 2.8270



138.3380, 4.8600, 0.0280



137.0490, -1.6960, -2.3040

Rectangle

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



137.3630, -5.4560, -0.2400



137.7980, -2.2470, 2.1770



138.3380, 4.8600, 0.0280



137.3160, 1.9260, -1.8660

Sweetspot

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



137.3630, -5.4560, -0.2400



184.2170, -2.1090, -0.3250



138.9130, -4.3090, -4.5090



93.4020, -1.1920, -0.4240



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.



137.3630, -5.4560, -0.2400



177.3950, -8.4820, -0.4660



134.4280, -4.0810, 2.3750



67.7330, -3.6220, -0.4380



65.8720, -66.9850, -2.9930



3.8470, -3.9430, -0.1270

Inverse Universe

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



136.0870, 4.3090, 4.5090



175.3370, 6.6010, 7.0250



140.5720, 4.0810, -2.3750



66.6630, 2.5670, 3.0390



50.1690, 52.8540, 55.3660



2.9620, 3.1630, 3.2510

Previews

White Background



This preview shows how the YIQ color 137.3630, -5.4560, -0.2400 looks on a white background.

Color Contrast Check

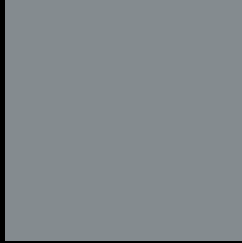
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.3630, -5.4560, -0.2400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

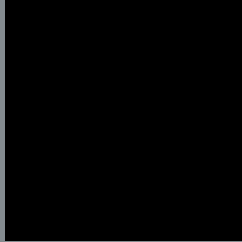
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

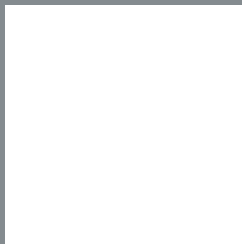
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 137.3630, -5.4560, -0.2400

Background



This preview shows how black text looks on a background with the YIQ color 137.3630, -5.4560, -0.2400.



This preview shows how white text looks on a background with the YIQ color 137.3630, -5.4560,

-0.2400.

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

137.3630, -5.4560, -0.2400

Protanopia

138.1680, -0.4130, 1.9790

Deuteranopia

139.3260, 5.1340, 6.0780



Tritanopia

137.7590, -6.5110, 2.3610

Trichromacy



Original Color

137.3630, -5.4560, -0.2400

Protanomaly

137.8580, -2.4760, 0.8200

Deuteranomaly

138.7060, 1.0080, 3.7600

Tritanomaly

137.5310, -5.8690, 1.7390

Monochromacy



Original Color

137.3630, -5.4560, -0.2400

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.2170, -2.1090, -0.3250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.3630, -5.4560, -0.2400 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(132, 139, 143)` looks like.

```
.text, #text, p{  
    color:rgb(132, 139, 143)  
}
```

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(132, 139, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 139, 143) }
```

Border

The CSS property to change the border of an element to YIQ 137.3630, -5.4560, -0.2400 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(132, 139, 143) }
```


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

```
.border{ border-color:rgb(132, 139, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 139, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 139, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 139, 143);  
box-shadow:4px 4px 4px 4px rgb(132, 139,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 137.3630, -5.4560, -0.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 139, 143) }
```

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

```
.background{ background-color: rgb(132,  
139, 143) }
```

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