

Converting Colors

YIQ(137.8630, 7.1550, -14.0370)

Have a look what the booklet for
YIQ(137.8630, 7.1550, -14.0370)
contains.

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Color

**YIQ(137.8630, 7.1550,
-14.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	88916A
RGB	136, 145, 106
RGB Percent	53%, 57%, 42%
CMY	0.4667, 0.4313, 0.5842
CMYK	0.06, 0.00, 0.27, 0.43
HSL	74°, 16%, 49%
HSV	74°, 27%, 57%
XYZ	22.8797, 26.5261, 17.5539
YIQ	137.8630, 7.1550, -14.0370

Conversions

Conversions Part 2

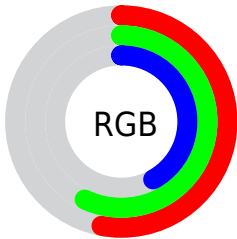
Format	Color
R_{YB}	106, 145, 115
Decimal	8950122
CIE _{Lab}	58.53, -10.23, 19.65
CIE _{LCh}	59, 22.157, 117.497
Yxy	26.5261, 0.3417, 0.3962
Android (android.graphics.Color)	4287140202 (0xFF88916A)
YUV	137.8630, -15.7085, -1.6339
Hunter-Lab	51.5035, -10.8350, 15.8447

Details

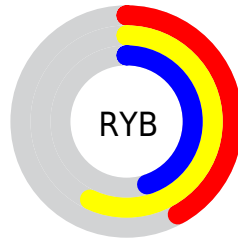
The YIQ color $137.8630, 7.1550, -14.0370$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $113.1370, -7.1550, 14.0370$, and the grayscale version is $138.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $191.6350, 7.7970, -14.6590$, and $88.0910, 6.5130, -13.4150$ is the 20% darker color. If you saturate the color by 10%, you get $135.3700, 9.8610, -19.0270$, and if you desaturate by 10%, it is $140.4700, 4.1280, -8.7360$.

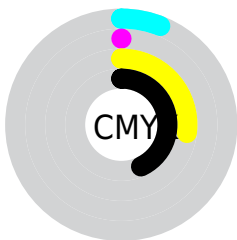
Distribution



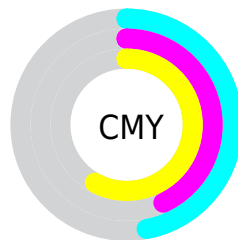
- Red (53%)
- Green (57%)
- Blue (42%)



- Red (42%)
- Yellow (57%)
- Blue (45%)



- Cyan (6%)
- Magenta (0%)
- Yellow (27%)
- Black (43%)



- Cyan (47%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.8630, 7.1550, -14.0370 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 137.8630, 7.1550, -14.0370 by changing the saturation by 10% instead.

■ 137.8630, 7.1550,
-14.0370

■ 137.8630, 7.1550,
-14.0370

■ 255.0000, -0.0000,
-0.0000

■ 112.0910, 6.5130,
-13.4150

■ 191.6350, 7.7970,
-14.6590

■ 88.0910, 6.5130,
-13.4150

■ 219.5210, 8.1180,
-14.9700

■ 64.3190, 5.8710,
-12.7930

■ 247.4070, 8.4390,
-15.2810

■ 42.4330, 5.5500,
-12.4820

■ 253.4040, 4.4940,
-4.3540

■ 22.1170, 3.6240,
-10.6160

■ 0.0000, 0.0000,
0.0000

■ 137.8630, 7.1550,
-14.0370

■ 137.8630, 7.1550,
-14.0370

■ 135.3700, 9.8610,
-19.0270

■ 140.4700, 4.1280,
-8.7360

■ 132.4640, 12.2920,
-24.5400

■ 143.2620, 2.0180,
-3.5340

■ 129.9710, 14.9980,
-29.5300

■ 145.8690, -1.0090,
1.7670

■ 127.3640, 18.0250,
-34.8310

■ 148.3620, -3.7150,
6.7570

■ 124.5720, 20.1350,
-40.0330

■ 151.2680, -6.1460,
12.2700

■ 121.9650, 23.1620,
-45.3340

■ 153.7610, -8.8520,
17.2600

■ 119.4720, 25.8680,
-50.3240

■ 156.3680,
-11.8790, 22.5610

■ 118.3040, 26.2810,

■ 159.1600,

-52.3030

-13.9890, 27.7630

■ 161.7670,
-17.0160, 33.0640

Harmonies

Analogous

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



140.1640, 22.6050, -7.6910



137.8630, 7.1550, -14.0370



135.1150, -11.2300, -16.7500

Triad

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



137.8630, 7.1550, -14.0370



133.8070, -41.9970, -4.3090



144.0730, 25.2600, 15.7880

Complementary

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



137.8630, 7.1550, -14.0370



113.1370, -7.1550, 14.0370

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.



143.8140, 9.9920, 17.1600



137.8630, 7.1550, -14.0370



138.7320, -28.2440, 5.2600

Square

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



137.8630, 7.1550, -14.0370



131.4660, -42.7750, -12.2390



142.2400, -8.9430, 13.4010



143.0920, 32.2760, 9.7800

Rectangle

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



137.8630, 7.1550, -14.0370



133.5850, -24.2970, -16.7210



142.2400, -8.9430, 13.4010



143.6750, 20.6290, 17.1170

Sweetspot

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



137.8630, 7.1550, -14.0370



186.0940, 2.4310, -5.5130



122.3570, 21.0440, 4.0840



92.3760, 1.6970, -3.2230



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.



137.8630, 7.1550, -14.0370



177.8600, 11.2370, -21.9390



132.1820, -4.1690, -18.0650



69.9030, 1.6510, -2.3890



110.3410, 24.8590, -48.5570



6.4900, 1.3760, -2.9120

Inverse Universe

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



113.1370, -7.1550, 14.0370



139.1400, -11.2370, 21.9390



118.8180, 4.1690, 18.0650



65.3960, -1.0550, 2.6010



24.6590, -24.8590, 48.5570



1.5100, -1.3760, 2.9120

Previews

White Background



This preview shows how the YIQ color 137.8630, 7.1550, -14.0370 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 137.8630, 7.1550, -14.0370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

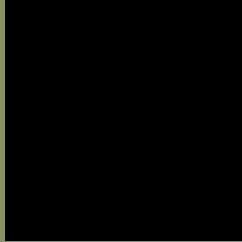
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.8630, 7.1550, -14.0370

Background



This preview shows how black text looks on a background with the YIQ color 137.8630, 7.1550, -14.0370.



This preview shows how white text looks on a background with the YIQ color 137.8630, 7.1550,

-14.0370.

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

137.8630, 7.1550, -14.0370

Protanopia

139.1850, 18.1120, -8.8640

Deuteranopia

140.8920, 26.5470, -2.0370



Tritanopia

141.1510, -1.7430, 4.0570

Trichromacy



Original Color

137.8630, 7.1550, -14.0370

Protanomaly

138.9780, 14.2610, -10.6590

Deuteranomaly

139.8370, 19.2120, -6.7720

Tritanomaly

139.9030, 1.6510, -2.3890

Monochromacy



Original Color

137.8630, 7.1550, -14.0370

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.0940, 2.4310, -5.5130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.8630, 7.1550, -14.0370 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(136, 145, 106)` looks like.

```
.text, #text, p{  
    color:rgb(136, 145, 106)  
}
```

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(136, 145, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 145, 106) }
```

Border

The CSS property to change the border of an element to YIQ 137.8630, 7.1550, -14.0370 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(136, 145, 106) }
```


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

```
.border{ border-color:rgb(136, 145, 106) }
```

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

Here you see how a box with a 4 pixel rgb(136, 145, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 145, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 145, 106);  
box-shadow:4px 4px 4px 4px rgb(136, 145,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 137.8630, 7.1550, -14.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 145, 106) }
```

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

```
.background{ background-color: rgb(136,  
145, 106) }
```

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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