

Converting Colors

YIQ(137.8870, -9.4470, 11.5210)

Have a look what the booklet for
YIQ(137.8870, -9.4470, 11.5210)
contains.

YIQ(137.8870, -9.4470, 11.5210)	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(137.8870, -9.4470,
11.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	8885A8
RGB	136, 133, 168
RGB Percent	53%, 52%, 66%
CMY	0.4666, 0.4784, 0.3412
CMYK	0.19, 0.21, 0.00, 0.34
HSL	245°, 17%, 59%
HSV	245°, 21%, 66%
XYZ	25.6083, 24.8361, 40.4819
YIQ	137.8870, -9.4470, 11.5210

Conversions

Conversions Part 2

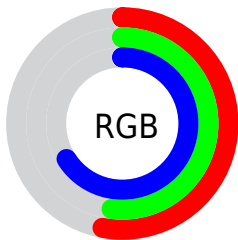
Format	Color
R_{YB}	136, 133, 168
Decimal	8947112
CIE _{Lab}	56.92, 8.65, -18.10
CIE _{LCh}	57, 20.056, 295.537
Yxy	24.8361, 0.2816, 0.2731
Android (android.graphics.Color)	4287137192 (0xFF8885A8)
YUV	137.8870, 14.8457, -1.6549
Hunter-Lab	49.8359, 4.5098, -13.2764

Details

The YIQ color $137.8870, -9.4470, 11.5210$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $163.1130, 9.4470, -11.5210$, and the grayscale version is $138.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $191.4140, -9.4930, 12.3550$, and $88.2460, -9.0800, 10.3760$ is the 20% darker color. If you saturate the color by 10%, you get $123.4230, -13.7120, 17.2320$, and if you desaturate by 10%, it is $152.3510, -5.1820, 5.8100$.

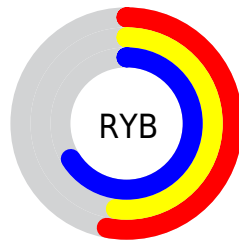
Distribution



Red (53%)

Green (52%)

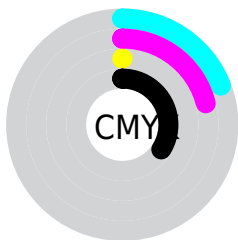
Blue (66%)



Red (53%)

Yellow (52%)

Blue (66%)

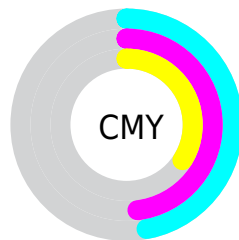


Cyan (19%)

Magenta (21%)

Yellow (0%)

Black (34%)



Cyan (47%)

Magenta (48%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.8870, -9.4470, 11.5210 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 137.8870, -9.4470, 11.5210 by changing the saturation by 10% instead.

■ 137.8870, -9.4470,
11.5210

■ 137.8870, -9.4470,
11.5210

■ 255.0000, -0.0000,
-0.0000

■ 112.4740, -9.7220,
10.9980

■ 191.4140, -9.4930,
12.3550

■ 88.2460, -9.0800,
10.3760

■ 219.5280, -9.8140,
12.6660

■ 64.1320, -8.7590,
10.0650

■ 244.6780, -1.7890,
4.8910

■ 42.3060, -9.3090,
9.0190

■ 21.3660, -9.5380,
7.6620

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,

0.0000

■ 137.8870, -9.4470,
11.5210

■ 137.8870, -9.4470,
11.5210

■ 123.4230,
-13.7120, 17.2320

■ 152.3510, -5.1820,
5.8100

■ 108.6600,
-18.5730, 22.7310

■ 167.1140, -0.3210,
0.3110

■ 94.7830, -23.1130,
27.9190

■ 180.9910, 4.2190,
-4.8770

■ 80.3190, -27.3780,
33.6300

■ 195.4550, 8.4840,
-10.5880

■ 65.5560, -32.2390,
39.1290

■ 210.2180, 13.3450,
-16.0870

■ 51.0920, -36.5040,
44.8400

■ 224.6820, 17.6100,
-21.7980

■ 36.6280, -40.7690,
50.5510

■ 239.1460, 21.8750,
-27.5090

■ 23.3380, -45.5840,
55.2160

■ 245.0820, 27.9270,
-27.0570

Harmonies

Analogous

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



134.5750, -26.3640, 4.2280



137.8870, -9.4470, 11.5210



139.3900, 8.2500, 15.6900

Triad

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



137.8870, -9.4470, 11.5210



137.6690, 28.7930, 1.3130



129.5680, -25.6270, -14.6430

Complementary

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



137.8870, -9.4470, 11.5210



163.1130, 9.4470, -11.5210

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.



131.8380, -8.8920, -15.0680



137.8870, -9.4470, 11.5210



136.3210, 20.7250, -6.6590

Square

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



137.8870, -9.4470, 11.5210



138.7110, 28.9750, 9.0310



134.2160, 7.6590, -12.1570



128.6300, -37.3650, -11.1650

Rectangle

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



137.8870, -9.4470, 11.5210



139.6530, 17.6950, 15.2230



134.2160, 7.6590, -12.1570



130.3790, -20.7210, -15.4490

Sweetspot

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



137.8870, -9.4470, 11.5210



207.7810, -3.5770, 4.2550



155.7740, -20.0350, -5.8510



103.2110, -1.9720, 2.7000



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



137.8870, -9.4470, 11.5210



171.7650, -14.6750, 18.1650



142.9700, 0.6850, 15.1250



76.9120, -2.5680, 2.4880



20.7590, -39.7600, 48.7840



2.8780, -5.2280, 6.6440

Inverse Universe

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



147.1130, 10.5880, 17.3720



186.2590, 16.4090, 27.5210



158.0300, -0.6850, -15.1250



79.1900, 2.5210, 3.8730



59.6420, 44.8730, 73.3610



8.1460, 5.8210, 10.1490

Previews

White Background



This preview shows how the YIQ color 137.8870, -9.4470, 11.5210 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 137.8870, -9.4470, 11.5210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

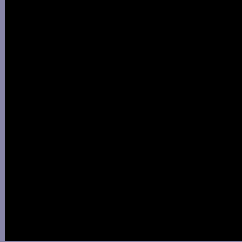
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.8870, -9.4470, 11.5210

Background



This preview shows how black text looks on a background with the YIQ color 137.8870, -9.4470, 11.5210.



This preview shows how white text looks on a background with the YIQ color 137.8870, -9.4470,

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

137.8870, -9.4470, 11.5210

Protanopia

136.7830, -15.0860, 9.0900

Deuteranopia

137.8760, -10.9140, 10.5740



Tritanopia

136.6450, -6.1900, 2.0500

Trichromacy



Original Color

137.8870, -9.4470, 11.5210

Protanomaly

137.0930, -13.0230, 10.2490

Deuteranomaly

138.1750, -10.3180, 10.7860

Tritanomaly

137.2690, -7.8870, 5.2730

Monochromacy



Original Color

137.8870, -9.4470, 11.5210

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.7810, -3.5770, 4.2550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.8870, -9.4470, 11.5210 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, 133, 168)` looks like.

```
.text, #text, p{  
    color:rgb(136, 133, 168)  
}
```

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, 133, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 133, 168) }
```

Border

The CSS property to change the border of an element to YIQ 137.8870, -9.4470, 11.5210 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, 133, 168) }
```


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

```
.border{ border-color:rgb(136, 133, 168) }
```

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

Here you see how a box with a 4 pixel rgb(136, 133, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 133, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 133, 168);  
box-shadow:4px 4px 4px 4px rgb(136, 133,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 137.8870, -9.4470, 11.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 133, 168) }
```

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

```
.background{ background-color: rgb(136,  
133, 168) }
```

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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