

Converting Colors

YIQ(137.5110, -11.1440,
14.7440)

Have a look what the booklet for
YIQ(137.5110, -11.1440, 14.7440)
contains.

YIQ(137.5110, -11.1440, 14.7440)	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(137.5110, -11.1440,
14.7440)**

Conversions

Conversions Part 1

Format	Color
Hex	8883AF
RGB	136, 131, 175
RGB Percent	53%, 51%, 69%
CMY	0.4666, 0.4863, 0.3138
CMYK	0.22, 0.25, 0.00, 0.31
HSL	247°, 22%, 60%
HSV	247°, 25%, 69%
XYZ	26.0069, 24.5615, 43.9173
YIQ	137.5110, -11.1440, 14.7440

Conversions

Conversions Part 2

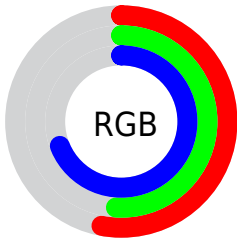
Format	Color
R_{YB}	136, 131, 175
Decimal	8946607
CIE _{Lab}	56.65, 11.48, -22.52
CIE _{LCh}	57, 25.275, 297.003
Yxy	24.5615, 0.2752, 0.2599
Android (android.graphics.Color)	4287136687 (0xFF8883AF)
YUV	137.5110, 18.4821, -1.3251
Hunter-Lab	49.5596, 6.9405, -17.8482

Details

The YIQ color $137.5110, -11.1440, 14.7440$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $168.4890, 11.1440, -14.7440$, and the grayscale version is $137.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $191.1520, -11.5110, 15.8890$, and $87.4570, -11.0520, 13.0760$ is the 20% darker color. If you saturate the color by 10%, you get $123.0470, -15.4090, 20.4550$, and if you desaturate by 10%, it is $152.2740, -6.2830, 9.2450$.

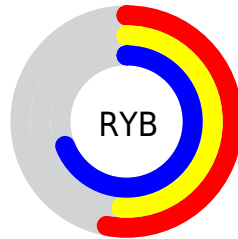
Distribution



Red (53%)

Green (51%)

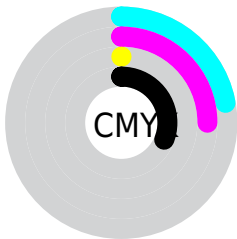
Blue (69%)



Red (53%)

Yellow (51%)

Blue (69%)

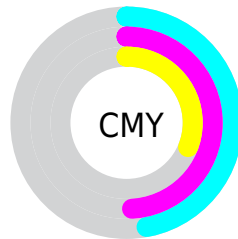


Cyan (22%)

Magenta (25%)

Yellow (0%)

Black (31%)



Cyan (47%)

Magenta (49%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.5110, -11.1440, 14.7440 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 137.5110, -11.1440, 14.7440 by changing the saturation by 10% instead.

■ 137.5110,
-11.1440, 14.7440

■ 137.5110,
-11.1440, 14.7440

■ 255.0000, -0.0000,
-0.0000

■ 111.9840,
-11.0980, 13.9100

■ 191.1520,
-11.5110, 15.8890

■ 87.4570, -11.0520,
13.0760

■ 218.6960,
-10.2270, 14.6450

■ 63.9300, -11.0060,
12.2420

■ 243.8030, -0.6430,
6.1490

■ 41.4030, -10.9600,
11.4080

■ 20.2780, -12.1060,
10.1500

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,

0.0000

■ 137.5110,
-11.1440, 14.7440

■ 137.5110,
-11.1440, 14.7440

■ 123.0470,
-15.4090, 20.4550

■ 152.2740, -6.2830,
9.2450

■ 107.6970,
-19.9950, 26.4770

■ 167.3250, -2.2930,
3.0110

■ 92.9340, -24.8560,
31.9760

■ 182.0880, 2.5680,
-2.4880

■ 77.8830, -28.8460,
38.2100

■ 197.1390, 6.5580,
-8.7220

■ 63.1200, -33.7070,
43.7090

■ 211.9020, 11.4190,
-14.2210

■ 48.0690, -37.6970,
49.9430

■ 226.9530, 15.4090,
-20.4550

■ 33.3060, -42.5580,
55.4420

■ 241.7160, 20.2700,
-25.9540

■ 25.9300, -44.2550,
58.6650

■ 245.8800, 25.6800,
-24.8800

Harmonies

Analogous

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



133.0950, -33.7000, 5.0200



137.5110, -11.1440, 14.7440



139.4660, 11.0920, 19.2520

Triad

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



137.5110, -11.1440, 14.7440



136.4910, 35.1660, 1.4540



125.9580, -35.7130, -19.0810

Complementary

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



137.5110, -11.1440, 14.7440



168.4890, 11.1440, -14.7440

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.



129.1640, -12.9260, -19.0540



137.5110, -11.1440, 14.7440



134.8930, 24.8060, -9.0340

Square

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



137.5110, -11.1440, 14.7440



138.1850, 36.4480, 11.2640



132.8800, 8.4850, -16.1150



124.2800, -51.1190, -15.2070

Rectangle

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



137.5110, -11.1440, 14.7440



139.3980, 22.9670, 18.7990



132.8800, 8.4850, -16.1150



126.8510, -28.1020, -19.3500

Sweetspot

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



137.5110, -11.1440, 14.7440



211.6500, -4.5860, 6.0220



159.4960, -25.1240, -7.2360



104.9660, -2.6600, 4.1560



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



137.5110, -11.1440, 14.7440



169.1440, -17.0600, 22.8440



143.7900, 1.3720, 19.1960



79.3250, -2.2930, 3.0110



22.1830, -38.0180, 50.2540



3.5190, -5.5950, 7.7890

Inverse Universe

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



148.6020, 13.7050, 21.4570



186.1720, 21.2680, 33.0760



162.2100, -1.3720, -19.1960



81.6030, 2.7960, 4.3960



60.0120, 46.7070, 73.1630



9.1570, 7.2880, 11.0960

Previews

White Background



This preview shows how the YIQ color 137.5110, -11.1440, 14.7440 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 137.5110, -11.1440, 14.7440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

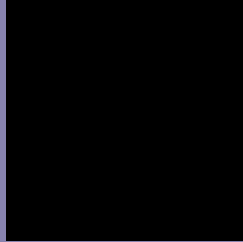
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.5110, -11.1440, 14.7440

Background



This preview shows how black text looks on a background with the YIQ color 137.5110, -11.1440, 14.7440.



This preview shows how white text looks on a background with the YIQ color 137.5110, -11.1440, 14.7440.

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

137.5110, -11.1440, 14.7440

Protanopia

135.9120, -19.7630, 11.2530

Deuteranopia

136.4780, -15.5450, 11.9030



Tritanopia

135.7590, -6.5110, 2.3610

Trichromacy



Original Color

137.5110, -11.1440, 14.7440

Protanomaly

136.4070, -16.7830, 12.3130

Deuteranomaly

136.7880, -13.4820, 13.0620

Tritanomaly

136.3230, -7.9790, 6.9410

Monochromacy



Original Color

137.5110, -11.1440, 14.7440

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.4220, -3.9440, 5.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.5110, -11.1440, 14.7440 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, 131, 175)` looks like.

```
.text, #text, p{  
    color:rgb(136, 131, 175)  
}
```

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, 131, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 131, 175) }
```

Border

The CSS property to change the border of an element to YIQ 137.5110, -11.1440, 14.7440 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, 131, 175) }
```


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

```
.border{ border-color:rgb(136, 131, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 131, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 131, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 131, 175);  
box-shadow:4px 4px 4px 4px rgb(136, 131,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 137.5110, -11.1440, 14.7440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 131, 175) }
```

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

```
.background{ background-color: rgb(136,  
131, 175) }
```

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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