

Converting Colors

YIQ(133.7710, -15.9530,
-13.7530)

Have a look what the booklet for
YIQ(133.7710, -15.9530, -13.7530)
contains.

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Color

**YIQ(133.7710, -15.9530,
-13.7530)**

Conversions

Conversions Part 1

Format	Color
Hex	6E9380
RGB	110, 147, 128
RGB Percent	43%, 58%, 50%
CMY	0.5687, 0.4235, 0.4981
CMYK	0.25, 0.00, 0.13, 0.42
HSL	149°, 15%, 50%
HSV	149°, 25%, 58%
XYZ	20.7588, 25.7438, 24.2927
YIQ	133.7710, -15.9530, -13.7530

Conversions

Conversions Part 2

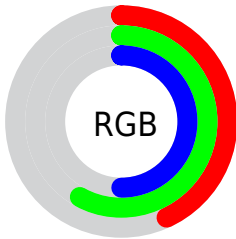
Format	Color
RYB	110, 135, 147
Decimal	7246720
CIELab	57.79, -16.96, 5.93
CIELCh	58, 17.969, 160.740
Yxy	25.7438, 0.2932, 0.3636
Android (android.graphics.Color)	4285436800 (0xFF6E9380)
YUV	133.7710, -2.8451, -20.8472
Hunter-Lab	50.7384, -15.7615, 7.1297

Details

The YIQ color **133.7710, -15.9530, -13.7530** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **123.2290, 15.9530, 13.7530**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.0590, -16.8240, -14.4880**, and **83.5970, -15.4030, -12.7070** is the 20% darker color. If you saturate the color by 10%, you get **128.3740, -22.3250, -19.4210**, and if you desaturate by 10%, it is **139.1680, -9.5810, -8.0850**.

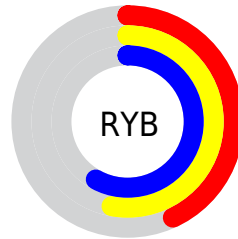
Distribution



Red (43%)

Green (58%)

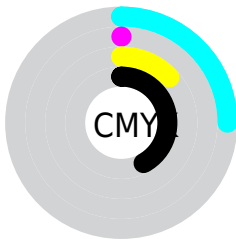
Blue (50%)



Red (43%)

Yellow (53%)

Blue (58%)

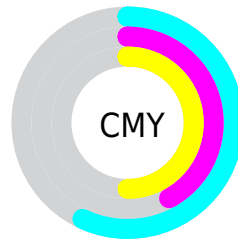


Cyan (25%)

Magenta (0%)

Yellow (13%)

Black (42%)



Cyan (57%)

Magenta (42%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.7710, -15.9530, -13.7530 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 133.7710, -15.9530, -13.7530 by changing the saturation by 10% instead.

■ 133.7710,
-15.9530, -13.7530

■ 133.7710,
-15.9530, -13.7530

■ 255.0000, -0.0000,
-0.0000

■ 108.1840,
-15.6780, -13.2300

■ 187.0590,
-16.8240, -14.4880

■ 83.5970, -15.4030,
-12.7070

■ 214.9450,
-16.5030, -14.7990

■ 60.0100, -15.1280,
-12.1840

■ 241.8850,
-16.2740, -13.4420

■ 37.8250, -16.0450,
-12.0850

■ 252.3090, -5.3640,
-1.9080

■ 18.5050, -12.1480,
-11.1240

■ 0.0000, 0.0000,
0.0000

■ 133.7710,
-15.9530, -13.7530

■ 133.7710,
-15.9530, -13.7530

■ 128.3740,
-22.3250, -19.4210

■ 139.1680, -9.5810,
-8.0850

■ 123.3900,
-28.4220, -24.5660

■ 144.1520, -3.4840,
-2.9400

■ 117.9930,
-34.7940, -30.2340

■ 149.5490, 2.8880,
2.7280

■ 112.7100,
-41.4870, -35.5910

■ 154.8320, 9.5810,
8.0850

■ 107.3130,
-47.8590, -41.2590

■ 159.9300, 15.3570,
13.5410

■ 102.3290,
-53.9560, -46.4040

■ 165.2130, 22.0500,
18.8980

■ 96.9320, -60.3280,
-52.0720


■ 170.6100, 28.4220,
24.5660

■ 94.3830, -63.2160,

■ 175.8930, 35.1150,

-54.8000

29.9230

 180.9910, 40.8910,
35.3790

Harmonies

Analogous

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



135.6110, -0.8230, -12.6230



133.7710, -15.9530, -13.7530



132.5940, -28.5160, -11.8440

Triad

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



133.7710, -15.9530, -13.7530



138.5440, -15.9110, 7.5210



140.4070, 26.7750, 4.8470

Complementary

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



133.7710, -15.9530, -13.7530



123.2290, 15.9530, 13.7530

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.



141.5410, 23.7020, 10.9820



133.7710, -15.9530, -13.7530



141.2040, -0.0940, 12.7220

Square

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



133.7710, -15.9530, -13.7530



135.3850, -28.8850, 0.3550



141.8590, 14.1190, 13.9510



139.0380, 23.2000, -1.9520

Rectangle

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



133.7710, -15.9530, -13.7530



132.2500, -33.2390, -8.8470



141.8590, 14.1190, 13.9510



140.9880, 26.6370, 7.3490

Sweetspot

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



133.7710, -15.9530, -13.7530



185.6030, -6.3720, -5.6680



137.4000, 1.1490, -15.3230



93.4400, -4.3550, -3.6750



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



133.7710, -15.9530, -13.7530



170.6510, -24.6630, -21.1030



135.8230, -21.7310, -8.1550



71.4510, -2.8880, -2.7280



88.6440, -59.4570, -51.3370



6.4400, -4.3550, -3.6750

Inverse Universe

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



123.2290, 15.9530, 13.7530



154.3490, 24.6630, 21.1030



121.1770, 21.7310, 8.1550



69.4350, 3.2090, 2.4170



49.3560, 59.4570, 51.3370



3.5600, 4.3550, 3.6750

Previews

White Background



This preview shows how the YIQ color 133.7710, -15.9530, -13.7530 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 133.7710, -15.9530, -13.7530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

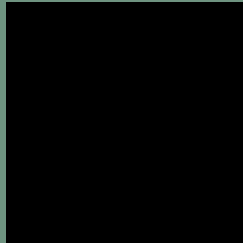
Any Text WCAG AA ✓ Pass

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 133.7710, -15.9530, -13.7530 Background



This preview shows how black text looks on a background with the YIQ color 133.7710, -15.9530, -13.7530.



This preview shows how white text looks on a background with the YIQ color 133.7710, -15.9530, -13.7530.

-13.7530.

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

133.7710, -15.9530, -13.7530

Protanopia

138.0840, 8.3910, -3.3930

Deuteranopia

139.9370, 13.4790, 3.5190



Tritanopia

135.9960, -20.5400, -2.2040

Trichromacy



Original Color

133.7710, -15.9530, -13.7530

Protanomaly

136.4850, -0.2280, -6.8840

Deuteranomaly

137.9740, 2.8890, -2.7990

Tritanomaly

134.8450, -18.7970, -6.2610

Monochromacy



Original Color

133.7710, -15.9530, -13.7530

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.0160, -6.0970, -5.1450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.7710, -15.9530, -13.7530 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(110, 147, 128)` looks like.

```
.text, #text, p{  
    color:rgb(110, 147, 128)  
}
```

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(110, 147, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 147, 128) }
```

Border

The CSS property to change the border of an element to YIQ 133.7710, -15.9530, -13.7530 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

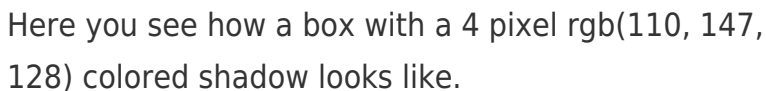
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 147, 128) }
```


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

```
.border{ border-color:rgb(110, 147, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 147, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 147, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 147, 128); box-shadow:4px 4px 4px 4px rgb(110, 147, 128) }
```

Background

The CSS property to change the background color of an element to YIQ 133.7710, -15.9530, -13.7530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 147, 128) }
```

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

```
.background{ background-color: rgb(110,  
147, 128) }
```

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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