

Converting Colors

YIQ(137.9470, -10.8170,
-18.7290)

Have a look what the booklet for
YIQ(137.9470, -10.8170, -18.7290)
contains.

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Color

**YIQ(137.9470, -10.8170,
-18.7290)**

Conversions

Conversions Part 1

Format	Color
Hex	749976
RGB	116, 153, 118
RGB Percent	45%, 60%, 46%
CMY	0.5452, 0.3999, 0.5373
CMYK	0.24, 0.00, 0.23, 0.40
HSL	123°, 15%, 53%
HSV	123°, 24%, 60%
XYZ	21.8623, 27.8065, 21.3532
YIQ	137.9470, -10.8170, -18.7290

Conversions

Conversions Part 2

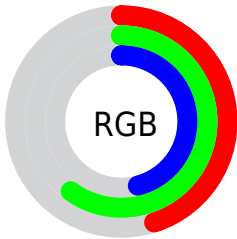
Format	Color
R_{YB}	116, 151, 153
Decimal	7641462
CIE _{Lab}	59.71, -20.00, 14.34
CIE _{LCh}	60, 24.610, 144.352
Yxy	27.8065, 0.3078, 0.3915
Android (android.graphics.Color)	4285831542 (0xFF749976)
YUV	137.9470, -9.8339, -19.2475
Hunter-Lab	52.7319, -18.2759, 12.9035

Details

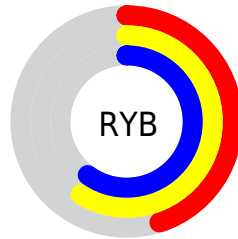
The YIQ color **137.9470, -10.8170, -18.7290** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **131.0530, 10.8170, 18.7290**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.4200, -10.7710, -19.5630**, and **87.8870, -10.5880, -17.3720** is the 20% darker color. If you saturate the color by 10%, you get **131.8660, -15.2630, -26.2630**, and if you desaturate by 10%, it is **144.0280, -6.3710, -11.1950**.

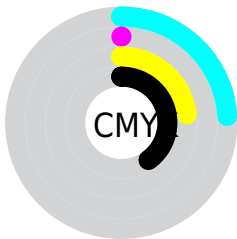
Distribution



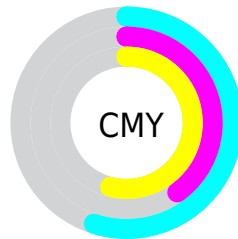
- Red (45%)
- Green (60%)
- Blue (46%)



- Red (45%)
- Yellow (59%)
- Blue (60%)



- Cyan (24%)
- Magenta (0%)
- Yellow (23%)
- Black (40%)



- Cyan (55%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.9470, -10.8170, -18.7290 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 137.9470, -10.8170, -18.7290 by changing the saturation by 10% instead.

■ 137.9470,
-10.8170, -18.7290

■ 137.9470,
-10.8170, -18.7290

■ 255.0000, -0.0000,
-0.0000

■ 112.3600,
-10.5420, -18.2060

■ 192.0070,
-11.0460, -20.0860

■ 87.8870, -10.5880,
-17.3720

■ 219.7080,
-11.6420, -20.2980

■ 64.0010, -10.9090,
-17.0610

■ 242.4250, -9.1670,
-15.5910

■ 41.2290, -11.5510,
-16.4390

■ 254.2880, -0.8710,
-0.7350

■ 19.3710, -9.0750,
-17.2590

■ 0.0000, 0.0000,
0.0000

■ 137.9470,
-10.8170, -18.7290

■ 137.9470,
-10.8170, -18.7290

■ 131.8660,
-15.2630, -26.2630

■ 144.0280, -6.3710,
-11.1950

■ 125.3720,
-19.9840, -34.3200

■ 150.5220, -1.6500,
-3.1380

■ 119.2910,
-24.4300, -41.8540

■ 156.6030, 2.7960,
4.3960

■ 113.0960,
-28.5550, -49.6990

■ 162.7980, 6.9210,
12.2410

■ 106.7160,
-33.5970, -57.4450

■ 168.8790, 11.3670,
19.7750

■ 100.5210,
-37.7220, -65.2900

■ 175.3730, 16.0880,
27.8320

■ 94.4400, -42.1680,
-72.8240


■ 181.4540, 20.5340,
35.3660

■ 90.7230, -44.6430,

■ 187.6490, 24.6590,

-77.5310

43.2110

 194.0290, 29.7010,
50.9570

Harmonies

Analogous

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



140.8910, 9.9520, -15.1680



137.9470, -10.8170, -18.7290



134.9260, -32.6870, -18.8550

Triad

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



137.9470, -10.8170, -18.7290



140.3830, -34.5710, 4.2850



146.1140, 35.2100, 11.6740

Complementary

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



137.9470, -10.8170, -18.7290



131.0530, 10.8170, 18.7290

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.



147.1380, 26.6350, 18.4030



137.9470, -10.8170, -18.7290



145.5000, -12.6110, 13.7970

Square

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



137.9470, -10.8170, -18.7290



135.2190, -49.1490, -6.8530



147.5690, 9.3040, 18.6160



144.9040, 35.4410, 1.9770

Rectangle

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



137.9470, -10.8170, -18.7290



133.3470, -44.0580, -16.5220



147.5690, 9.3040, 18.6160



146.6240, 33.8340, 14.5860

Sweetspot

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



137.9470, -10.8170, -18.7290



193.3320, -4.1710, -7.0110



148.1840, 10.6850, -11.9310



95.8100, -2.5210, -3.8730



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



137.9470, -10.8170, -18.7290



175.3880, -16.9130, -29.4010



139.9990, -16.5950, -13.1310



73.6960, -2.2000, -4.1840



83.0920, -41.0680, -70.7320



7.7450, -3.8960, -6.4880

Inverse Universe

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



131.0530, 10.8170, 18.7290



164.6120, 16.9130, 29.4010



129.0010, 16.5950, 13.1310



72.1900, 2.5210, 3.8730



57.0220, 40.7470, 71.0430



5.2550, 3.8960, 6.4880

Previews

White Background



This preview shows how the YIQ color 137.9470, -10.8170, -18.7290 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 137.9470, -10.8170, -18.7290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

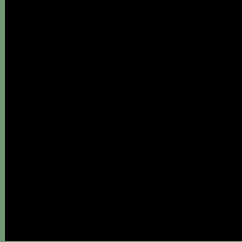
Any Text WCAG AA ✓ Pass

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 137.9470, -10.8170, -18.7290 Background



This preview shows how black text looks on a background with the YIQ color 137.9470, -10.8170, -18.7290.



This preview shows how white text looks on a background with the YIQ color 137.9470, -10.8170,

-18.7290.

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

137.9470, -10.8170, -18.7290

Protanopia

142.5700, 15.5900, -7.2100

Deuteranopia

144.1350, 21.5490, 0.4370



Tritanopia

141.1920, -18.1560, -1.3560

Trichromacy



Original Color

137.9470, -10.8170, -18.7290

Protanomaly

141.2590, 6.1000, -11.4360

Deuteranomaly

141.5740, 9.7670, -6.3050

Tritanomaly

139.7590, -15.6790, -7.7030

Monochromacy



Original Color

137.9470, -10.8170, -18.7290

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.7450, -3.8960, -6.4880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.9470, -10.8170, -18.7290 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(116, 153, 118)` looks like.

```
.text, #text, p{  
    color:rgb(116, 153, 118)  
}
```

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(116, 153, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 153, 118) }
```

Border

The CSS property to change the border of an element to YIQ 137.9470, -10.8170, -18.7290 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(116, 153, 118) }
```


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

```
.border{ border-color:rgb(116, 153, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 153, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 153, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 153, 118);  
box-shadow:4px 4px 4px 4px rgb(116, 153,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 137.9470, -10.8170, -18.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 153, 118) }
```

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

```
.background{ background-color: rgb(116,  
153, 118) }
```

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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