

Converting Colors

YIQ(159.7140, -20.9470,
-33.3870)

Have a look what the booklet for
YIQ(159.7140, -20.9470, -33.3870)
contains.

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Color

**YIQ(159.7140, -20.9470,
-33.3870)**

Conversions

Conversions Part 1

Format	Color
Hex	77BB7E
RGB	119, 187, 126
RGB Percent	47%, 73%, 49%
CMY	0.5335, 0.2665, 0.5059
CMYK	0.36, 0.00, 0.33, 0.27
HSL	126°, 33%, 60%
HSV	126°, 36%, 73%
XYZ	29.1424, 40.9772, 26.1090
YIQ	159.7140, -20.9470, -33.3870

Conversions

Conversions Part 2

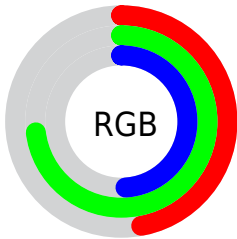
Format	Color
RYB	119, 181, 187
Decimal	7846782
CIELab	70.16, -34.22, 24.30
CIELCh	70, 41.971, 144.624
Yxy	40.9772, 0.3028, 0.4258
Android (android.graphics.Color)	4286036862 (0xFF77BB7E)
YUV	159.7140, -16.6210, -35.7062
Hunter-Lab	64.0134, -30.7605, 20.6269

Details

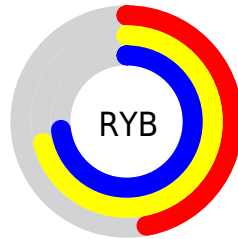
The YIQ color **159.7140, -20.9470, -33.3870** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **146.2860, 20.9470, 33.3870**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **215.3610, -21.4510, -35.2670**, and **106.4690, -21.6350, -31.9310** is the 20% darker color. If you saturate the color by 10%, you get **152.0950, -26.8140, -42.7020**, and if you desaturate by 10%, it is **167.3330, -15.0800, -24.0720**.

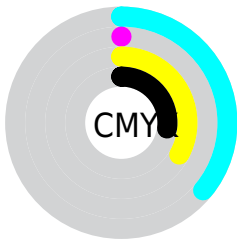
Distribution



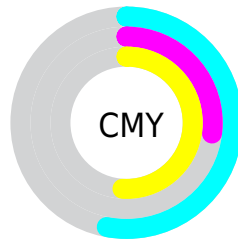
- Red (47%)
- Green (73%)
- Blue (49%)



- Red (47%)
- Yellow (71%)
- Blue (73%)



- Cyan (36%)
- Magenta (0%)
- Yellow (33%)
- Black (27%)



- Cyan (53%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.7140, -20.9470, -33.3870 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 159.7140, -20.9470, -33.3870 by changing the saturation by 10% instead.

■ 159.7140,
-20.9470, -33.3870

■ 159.7140,
-20.9470, -33.3870

■ 255.0000, -0.0000,
-0.0000

■ 133.2410,
-20.9930, -32.5530

■ 215.3610,
-21.4510, -35.2670

■ 106.4690,
-21.6350, -31.9310

■ 233.6810,
-16.1800, -26.1640

■ 81.3980, -22.8730,
-31.5210

■ 245.2450, -8.4800,
-11.5200

■ 54.0490, -29.2000,
-32.4960

■ 35.5450, -18.7930,
-28.3690

■ 22.3060, -10.4500,
-19.8740

■ 0.5870, -0.2750,

-0.5230

■ 0.0000, 0.0000,
0.0000

■ 159.7140,
-20.9470, -33.3870

■ 159.7140,
-20.9470, -33.3870

■ 152.0950,
-26.8140, -42.7020

■ 167.3330,
-15.0800, -24.0720

■ 144.7750,
-32.0850, -51.8050

■ 174.6530, -9.8090,
-14.9690

■ 137.2700,
-38.2730, -60.8090

■ 182.1580, -3.6210,
-5.9650

■ 129.6510,
-44.1400, -70.1240

■ 189.7770, 2.2460,
3.3500

■ 122.0320,
-50.0070, -79.4390

■ 197.0970, 7.5170,
12.4530

■ 114.7120,
-55.2780, -88.5420

■ 204.7160, 13.3840,
21.7680

■ 111.9350,
-57.5240, -91.8920

■ 212.2210, 19.5720,
30.7720

■ 215.0840, 18.7000,
35.5640

Harmonies

Analogous

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



165.5090, 16.4190, -27.7490



159.7140, -20.9470, -33.3870



148.9380, -68.4920, -36.2680

Triad

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



159.7140, -20.9470, -33.3870



161.6580, -68.9580, 5.2340



173.3840, 61.1130, 21.3130

Complementary

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



159.7140, -20.9470, -33.3870



146.2860, 20.9470, 33.3870

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.



175.6340, 46.2100, 32.5940



159.7140, -20.9470, -33.3870



173.0770, -24.1210, 24.1590

Square

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



159.7140, -20.9470, -33.3870



136.3310, -126.2180, -25.3380



176.3610, 16.3620, 33.8820



171.2350, 59.3740, 3.2620

Rectangle

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



159.7140, -20.9470, -33.3870



134.2500, -113.4690, -41.6370



176.3610, 16.3620, 33.8820



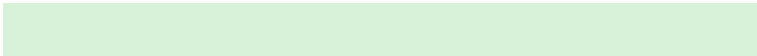
173.5780, 57.8110, 26.0910

Sweetspot

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



159.7140, -20.9470, -33.3870



231.4900, -7.7920, -12.9760



177.1550, 17.6560, -22.6320



115.6200, -5.0420, -7.7460



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



159.7140, -20.9470, -33.3870



199.4760, -32.6810, -52.0170



163.5900, -31.8610, -22.8130



90.3970, -2.7960, -4.3960



94.5700, -48.5860, -77.6580



18.5390, -9.4880, -15.2800

Inverse Universe

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



146.2860, 20.9470, 33.3870



178.5240, 32.6810, 52.0170



142.4100, 31.8610, 22.8130



88.6030, 2.7960, 4.3960



63.4300, 48.5860, 77.6580



12.3470, 9.8090, 14.9690

Previews

White Background



This preview shows how the YIQ color 159.7140, -20.9470, -33.3870 looks on a white background.

Color Contrast Check

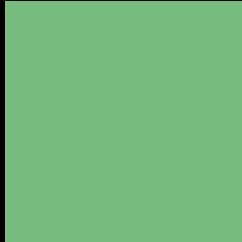
Large Text (above 18pt) WCAG AA × Fail

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 159.7140, -20.9470, -33.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

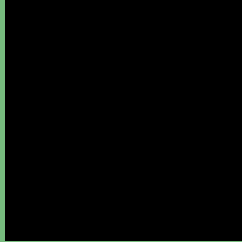
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.7140, -20.9470, -33.3870 Background



This preview shows how black text looks on a background with the YIQ color 159.7140, -20.9470, -33.3870.



This preview shows how white text looks on a background with the YIQ color 159.7140, -20.9470, -33.3870.

-33.3870.

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

159.7140, -20.9470, -33.3870

Protanopia

168.9590, 24.4400, -13.4160

Deuteranopia

171.0020, 32.0490, -2.6310



Tritanopia

166.5430, -32.5060, -5.6100

Trichromacy



Original Color

159.7140, -20.9470, -33.3870

Protanomaly

165.6470, 7.5230, -20.7090

Deuteranomaly

166.7990, 13.2070, -13.5850

Tritanomaly

164.0730, -28.6070, -15.7030

Monochromacy



Original Color

159.7140, -20.9470, -33.3870

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

160.0170, -7.8380, -12.1420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.7140, -20.9470, -33.3870 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(119, 187, 126)` looks like.

```
.text, #text, p{  
    color:rgb(119, 187, 126)  
}
```

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(119, 187, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 187, 126) }
```

Border

The CSS property to change the border of an element to YIQ 159.7140, -20.9470, -33.3870 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(119, 187, 126) }
```


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

```
.border{ border-color:rgb(119, 187, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 187, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 187, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 187, 126);  
box-shadow:4px 4px 4px 4px rgb(119, 187,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 159.7140, -20.9470, -33.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 187, 126) }
```

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

```
.background{ background-color: rgb(119,  
187, 126) }
```

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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