

Converting Colors

YIQ(131.8390, 15.7300,
-20.7660)

Have a look what the booklet for
YIQ(131.8390, 15.7300, -20.7660)
contains.

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Color

**YIQ(131.8390, 15.7300,
-20.7660)**

Conversions

Conversions Part 1

Format	Color
Hex	868D4F
RGB	134, 141, 79
RGB Percent	53%, 55%, 31%
CMY	0.4746, 0.4470, 0.6901
CMYK	0.05, 0.00, 0.44, 0.45
HSL	67°, 28%, 43%
HSV	67°, 44%, 55%
XYZ	20.7669, 24.6827, 11.0722
YIQ	131.8390, 15.7300, -20.7660

Conversions

Conversions Part 2

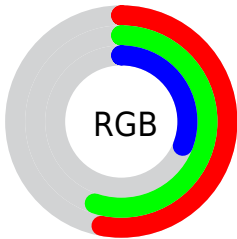
Format	Color
RYB	79, 141, 86
Decimal	8817999
CIELab	56.76, -12.49, 32.11
CIElCh	57, 34.450, 111.263
Yxy	24.6827, 0.3674, 0.4367
Android (android.graphics.Color)	4287008079 (0xFF868D4F)
YUV	131.8390, -26.0496, 1.8952
Hunter-Lab	49.6817, -12.3301, 21.5636

Details

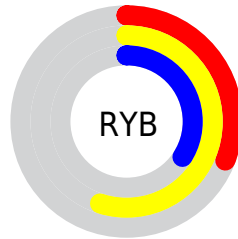
The YIQ color **131.8390, 15.7300, -20.7660** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **88.1610, -15.7300, 20.7660**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.3830, 17.0140, -22.0100**, and **81.8820, 14.1710, -20.0450** is the 20% darker color. If you saturate the color by 10%, you get **129.6450, 19.0320, -25.5440**, and if you desaturate by 10%, it is **134.0330, 12.4280, -15.9880**.

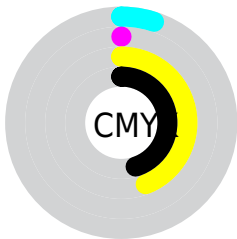
Distribution



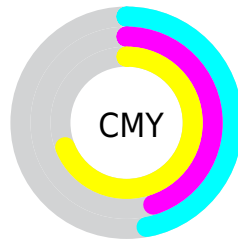
- Red (53%)
- Green (55%)
- Blue (31%)



- Red (31%)
- Yellow (55%)
- Blue (34%)



- Cyan (5%)
- Magenta (0%)
- Yellow (44%)
- Black (45%)





- Cyan (47%)
- Magenta (45%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 131.8390, 15.7300, -20.7660 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 131.8390, 15.7300, -20.7660 by changing the saturation by 10% instead.


 131.8390, 15.7300,
-20.7660


 131.8390, 15.7300,
-20.7660


255.0000, -0.0000,
-0.0000


 106.6540, 14.8130,
-20.6670

 185.3830, 17.0140,
-22.0100


 81.8820, 14.1710,
-20.0450


 212.6820, 17.6100,
-21.7980


 58.4690, 13.8960,
-20.5680

 241.4540, 18.2520,
-22.4200

 37.1790, 9.0810,
-15.9030

 249.9840, 14.1240,
-13.6840

 17.0560, -3.5740,
-12.3260

 253.1760, 5.1360,
-4.9760

 0.0000, 0.0000,
0.0000

■ 131.8390, 15.7300,
-20.7660

■ 131.8390, 15.7300,
-20.7660

■ 129.6450, 19.0320,
-25.5440

■ 134.0330, 12.4280,
-15.9880

■ 127.7500, 22.9300,
-30.1100

■ 135.9280, 8.5300,
-11.4220

■ 125.5560, 26.2320,
-34.8880

■ 138.1220, 5.2280,
-6.6440

■ 123.6610, 30.1300,
-39.4540

■ 140.0170, 1.3300,
-2.0780

■ 121.4670, 33.4320,
-44.2320

■ 142.3250, -2.2930,
3.0110

■ 120.1420, 35.7250,
-47.2430

■ 144.5190, -5.5950,
7.7890

■ 146.4140, -9.4930,
12.3550

■ 148.6080,

-12.7950, 17.1330

■ 150.5030,
-16.6930, 21.6990

Harmonies

Analogous

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



134.4120, 36.4060, -10.0100



131.8390, 15.7300, -20.7660



127.6490, -13.1540, -25.9380

Triad

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



131.8390, 15.7300, -20.7660



108.2110, -99.3970, -21.3250



139.1870, 34.1070, 26.1630

Complementary

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



131.8390, 15.7300, -20.7660



88.1610, -15.7300, 20.7660

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.



140.1980, 9.2110, 25.8110



131.8390, 15.7300, -20.7660



127.7100, -57.5410, 2.0670

Square

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



131.8390, 15.7300, -20.7660



107.1220, -92.1970, -30.6690



137.0460, -22.8360, 17.3880



137.5610, 47.3130, 18.1050

Rectangle

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



131.8390, 15.7300, -20.7660



123.6880, -35.2530, -27.4210



137.0460, -22.8360, 17.3880



140.0060, 27.3670, 27.1670

Sweetspot

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



131.8390, 15.7300, -20.7660



180.3670, 5.9160, -8.1000



101.0600, 35.3020, 10.0060



89.6920, 3.6230, -5.0890



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



131.8390, 15.7300, -20.7660



169.5390, 24.9020, -32.8100



122.8690, -2.1500, -27.1260



70.2020, 2.2470, -2.1770



115.1250, 34.3950, -45.1650



6.7890, 1.9720, -2.7000

Inverse Universe

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



88.1610, -15.7300, 20.7660



100.4610, -24.9020, 32.8100



97.1310, 2.1500, 27.1260



65.0970, -1.6510, 2.3890



19.8750, -34.3950, 45.1650



1.2110, -1.9720, 2.7000

Previews

White Background



This preview shows how the YIQ color 131.8390, 15.7300, -20.7660 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 131.8390, 15.7300, -20.7660 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 131.8390, 15.7300, -20.7660

Background



This preview shows how black text looks on a background with the YIQ color 131.8390, 15.7300, -20.7660.



This preview shows how white text looks on a background with the YIQ color 131.8390, 15.7300, -20.7660.

-20.7660.

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

131.8390, 15.7300, -20.7660

Protanopia

133.1610, 26.6870, -15.5930

Deuteranopia

134.9930, 36.2680, -7.5080



Tritanopia

136.9450, 1.8330, 5.3290

Trichromacy



Original Color

131.8390, 15.7300, -20.7660

Protanomaly

132.9540, 22.8360, -17.3880

Deuteranomaly

133.9380, 28.9330, -12.2430

Tritanomaly

135.0730, 6.9240, -4.3400

Monochromacy



Original Color

131.8390, 15.7300, -20.7660

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

131.8940, 5.8700, -7.2660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.8390, 15.7300, -20.7660 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(134, 141, 79)` looks like.

```
.text, #text, p{  
    color:rgb(134, 141, 79)  
}
```

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(134, 141, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 141, 79) }
```

Border

The CSS property to change the border of an element to YIQ 131.8390, 15.7300, -20.7660 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(134, 141, 79) }
```


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

```
.border{ border-color:rgb(134, 141, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 141, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 141, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 141, 79);  
box-shadow:4px 4px 4px 4px rgb(134, 141,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 131.8390, 15.7300, -20.7660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 141, 79) }
```

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

```
.background{ background-color: rgb(134,  
141, 79) }
```

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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