

Converting Colors

YIQ(131.8780, 10.8260,
-31.0140)

Have a look what the booklet for
YIQ(131.8780, 10.8260, -31.0140)
contains.

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Color

**YIQ(131.8780, 10.8260,
-31.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9543
RGB	123, 149, 67
RGB Percent	48%, 58%, 26%
CMY	0.5178, 0.4156, 0.7371
CMYK	0.17, 0.00, 0.55, 0.42
HSL	79°, 38%, 42%
HSV	79°, 55%, 58%
XYZ	19.9273, 26.1127, 9.3044
YIQ	131.8780, 10.8260, -31.0140

Conversions

Conversions Part 2

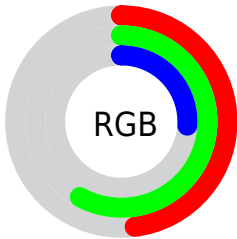
Format	Color
RYB	67, 149, 93
Decimal	8099139
CIELab	58.14, -22.55, 39.74
CIElCh	58, 45.694, 119.572
Yxy	26.1127, 0.3601, 0.4718
Android (android.graphics.Color)	4286289219 (0xFF7B9543)
YUV	131.8780, -31.9849, -7.7860
Hunter-Lab	51.1006, -19.8176, 24.9748

Details

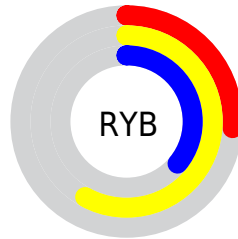
The YIQ color **131.8780, 10.8260, -31.0140** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **84.1220, -10.8260, 31.0140**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.5360, 11.7890, -31.9470**, and **80.8780, 10.8260, -31.0140** is the 20% darker color. If you saturate the color by 10%, you get **128.6730, 12.6610, -36.7390**, and if you desaturate by 10%, it is **135.0830, 8.9910, -25.2890**.

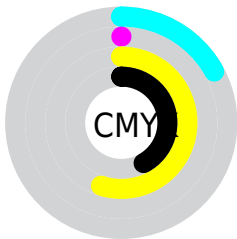
Distribution



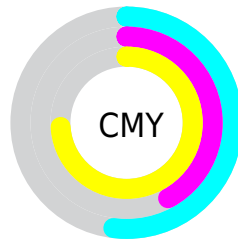
- Red (48%)
- Green (58%)
- Blue (26%)



- Red (26%)
- Yellow (58%)
- Blue (36%)



- Cyan (17%)
- Magenta (0%)
- Yellow (55%)
- Black (42%)





- Cyan (52%)
- Magenta (42%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 131.8780, 10.8260, -31.0140 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 131.8780, 10.8260, -31.0140 by changing the saturation by 10% instead.


 131.8780, 10.8260,
-31.0140


 131.8780, 10.8260,
-31.0140


255.0000, -0.0000,
-0.0000

 105.9920, 10.5050,
-30.7030


 185.5360, 11.7890,
-31.9470


 80.8780, 10.8260,
-31.0140


 213.3080, 12.4310,
-32.5690


 57.4910, 7.6620,
-28.7380

 239.1450, 14.4480,
-30.5760

 36.8140, -0.3170,
-21.7970

 248.6160, 17.9760,
-17.4160

 18.1970, -8.5250,
-16.2130

 251.8080, 8.9880,
-8.7080

 0.0000, 0.0000,
0.0000

■ 131.8780, 10.8260,
-31.0140

■ 131.8780, 10.8260,
-31.0140

■ 128.6730, 12.6610,
-36.7390

■ 135.0830, 8.9910,
-25.2890

■ 125.7670, 15.0920,
-42.2520

■ 137.9890, 6.5600,
-19.7760

■ 122.5620, 16.9270,
-47.9770

■ 141.1940, 4.7250,
-14.0510

■ 119.3570, 18.7620,
-53.7020

■ 144.3990, 2.8900,
-8.3260

■ 117.9610, 19.8170,
-56.3030

■ 147.6040, 1.0550,
-2.6010

■ 150.3960, -1.0550,
2.6010

■ 153.6010, -2.8900,
8.3260

■ 156.8060, -4.7250,

14.0510

■ 160.0110, -6.5600,
19.7760

Harmonies

Analogous

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



135.6540, 41.1760, -19.3680



131.8780, 10.8260, -31.0140



123.9730, -32.0420, -36.0580

Triad

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



131.8780, 10.8260, -31.0140



114.1100, -109.1180, -15.8540



141.2110, 51.8950, 34.1910

Complementary

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



131.8780, 10.8260, -31.0140



84.1220, -10.8260, 31.0140

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.



143.7640, 22.5970, 36.5250



131.8780, 10.8260, -31.0140



127.5480, -74.4600, 5.8280

Square

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



131.8780, 10.8260, -31.0140



113.6250, -100.8630, -27.7990



141.7080, -18.5280, 27.4240



139.9990, 63.6350, 19.6590

Rectangle

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



131.8780, 10.8260, -31.0140



107.4690, -83.5290, -44.5930



141.7080, -18.5280, 27.4240



142.3720, 44.1920, 36.1280

Sweetspot

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



131.8780, 10.8260, -31.0140



186.9490, 4.0370, -12.5950



106.7800, 41.7220, 3.7860



93.0400, 2.5230, -7.1810



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.



131.8780, 10.8260, -31.0140



167.1490, 16.6520, -48.5000



119.6190, -13.6100, -39.7060



72.6040, 1.0550, -2.6010



109.1120, 18.0740, -52.2460



7.9630, 1.4220, -3.7460

Inverse Universe

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



84.1220, -10.8260, 31.0140



92.8510, -16.6520, 48.5000



96.3810, 13.6100, 39.7060



68.3960, -1.0550, 2.6010



28.8880, -18.0740, 52.2460



2.0370, -1.4220, 3.7460

Previews

White Background



This preview shows how the YIQ color 131.8780, 10.8260, -31.0140 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 131.8780, 10.8260, -31.0140 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 131.8780, 10.8260, -31.0140

Background



This preview shows how black text looks on a background with the YIQ color 131.8780, 10.8260, -31.0140.



This preview shows how white text looks on a background with the YIQ color 131.8780, 10.8260,

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

131.8780, 10.8260, -31.0140

Protanopia

135.8210, 33.3360, -20.4560

Deuteranopia

137.2940, 42.5500, -11.2260



Tritanopia

139.1610, -7.7030, 1.9370

Trichromacy



Original Color

131.8780, 10.8260, -31.0140

Protanomaly

134.1080, 25.0380, -24.2580

Deuteranomaly

135.6190, 31.0890, -18.2790

Tritanomaly

136.1920, -0.9610, -10.1210

Monochromacy



Original Color

131.8780, 10.8260, -31.0140

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

131.8890, 4.2660, -11.2380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.8780, 10.8260, -31.0140 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(123, 149, 67)` looks like.

```
.text, #text, p{  
    color:rgb(123, 149, 67)  
}
```

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(123, 149, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 149, 67) }
```

Border

The CSS property to change the border of an element to YIQ 131.8780, 10.8260, -31.0140 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(123, 149, 67) }
```


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

```
.border{ border-color:rgb(123, 149, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 149, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 149, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 149, 67);  
box-shadow:4px 4px 4px 4px rgb(123, 149,  
67) }
```

Background

The CSS property to change the background color of an element to YIQ 131.8780, 10.8260, -31.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 149, 67) }
```

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

```
.background{ background-color: rgb(123,  
149, 67) }
```

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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