

Converting Colors

YIQ(147.3870, -31.2260,
15.2540)

Have a look what the booklet for
YIQ(147.3870, -31.2260, 15.2540)
contains.

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Color

**YIQ(147.3870, -31.2260,
15.2540)**

Conversions

Conversions Part 1

Format	Color
Hex	7F92D0
RGB	127, 146, 208
RGB Percent	50%, 57%, 82%
CMY	0.5020, 0.4274, 0.1845
CMYK	0.39, 0.30, 0.00, 0.18
HSL	226°, 46%, 66%
HSV	226°, 39%, 82%
XYZ	30.4121, 29.6241, 63.7614
YIQ	147.3870, -31.2260, 15.2540

Conversions

Conversions Part 2

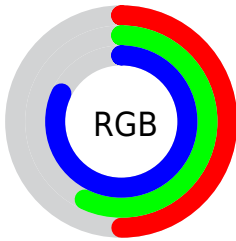
Format	Color
RYB	127, 142, 208
Decimal	8360656
CIELab	61.33, 8.67, -34.00
CIELCh	61, 35.089, 284.308
Yxy	29.6241, 0.2457, 0.2393
Android (android.graphics.Color)	4286550736 (0xFF7F92D0)
YUV	147.3870, 29.8822, -17.8794
Hunter-Lab	54.4280, 4.4892, -31.3575

Details

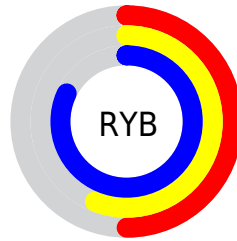
The YIQ color $147.3870, -31.2260, 15.2540$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $187.6130, 31.2260, -15.2540$, and the grayscale version is $147.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $200.8880, -28.3830, 13.2890$, and $95.9200, -31.4090, 13.0630$ is the 20% darker color. If you saturate the color by 10%, you get $131.7160, -39.3420, 19.1700$, and if you desaturate by 10%, it is $163.0580, -23.1100, 11.3380$.

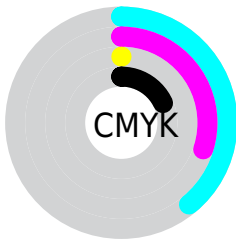
Distribution



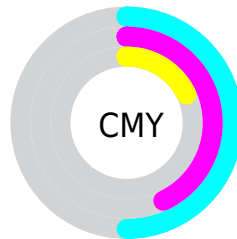
- Red (50%)
- Green (57%)
- Blue (82%)



- Red (50%)
- Yellow (56%)
- Blue (82%)



- Cyan (39%)
- Magenta (30%)
- Yellow (0%)
- Black (18%)



- Cyan (50%)
- Magenta (43%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.3870, -31.2260, 15.2540 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 147.3870, -31.2260, 15.2540 by changing the saturation by 10% instead.

■ 147.3870,
-31.2260, 15.2540

■ 147.3870,
-31.2260, 15.2540

■ 255.0000, -0.0000,
-0.0000

■ 120.8600,
-31.1800, 14.4200

■ 200.8880,
-28.3830, 13.2890

■ 95.9200, -31.4090,
13.0630

■ 225.9950,
-18.7990, 4.7930

■ 70.4960, -33.1510,
11.5930

■ 250.5150, -8.9400,
-3.1800

■ 45.1640, -38.1480,
8.5400

■ 26.3880, -32.9670,
8.2570

■ 7.9170, -18.1590,
15.2250

■ 4.8220, -10.8220,

8.9060

■ 0.4560, -1.2840,
1.2440

■ 0.0000, 0.0000,
0.0000

■ 147.3870,
-31.2260, 15.2540

■ 147.3870,
-31.2260, 15.2540

■ 131.7160,
-39.3420, 19.1700

■ 163.0580,
-23.1100, 11.3380

■ 116.0450,
-47.4580, 23.0860

■ 178.7290,
-14.9940, 7.4220

■ 100.6730,
-54.9780, 27.2140

■ 194.1010, -7.4740,
3.2940

■ 85.0020, -63.0940,
31.1300

■ 209.7720, 0.6420,
-0.6220

■ 69.3310, -71.2100,
35.0460

■ 225.4430, 8.7580,
-4.5380

■ 54.2470, -79.6010,
38.4390

■ 240.5270, 17.1490,
-7.9310

■ 52.4750, -80.2430,
39.0610

■ 249.6420, 15.0870,
-14.6170

Harmonies

Analogous

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



136.6980, -66.4350, -1.9470



147.3870, -31.2260, 15.2540



152.0770, 2.2420, 25.4580

Triad

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



147.3870, -31.2260, 15.2540



148.7920, 50.6160, 7.8000



134.1220, -39.4710, -28.0710

Complementary

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



147.3870, -31.2260, 15.2540



187.6130, 31.2260, -15.2540

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.



140.6560, -5.8640, -25.8960



147.3870, -31.2260, 15.2540



147.2170, 41.4490, -7.7910

Square

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



147.3870, -31.2260, 15.2540



150.5550, 47.4500, 21.1300



144.6010, 22.3320, -19.2680



123.3960, -81.2850, -30.1890

Rectangle

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



147.3870, -31.2260, 15.2540



152.3090, 22.1400, 28.2840



144.6010, 22.3320, -19.2680



136.5810, -27.6420, -27.6900

Sweetspot

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



147.3870, -31.2260, 15.2540



232.2300, -12.1510, 5.4570



181.5010, -41.8560, -23.3920



114.4000, -6.8780, 3.5060



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



147.3870, -31.2260, 15.2540



165.1160, -46.2200, 22.6760



142.2140, -14.0810, 29.4310



97.0150, -4.3560, 1.8520



42.6320, -64.9280, 31.3280



10.5440, -15.9110, 7.5210

Inverse Universe

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



153.3850, 42.1770, 23.0810



174.0720, 62.5320, 34.1480



192.7860, 14.0810, -29.4310



97.6310, 5.5930, 3.2650



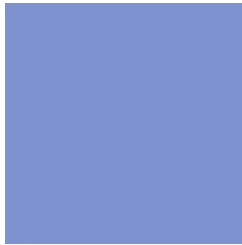
54.7920, 87.2880, 48.0560



13.3990, 21.2260, 11.8020

Previews

White Background



This preview shows how the YIQ color 147.3870, -31.2260, 15.2540 looks on a white background.

Color Contrast Check

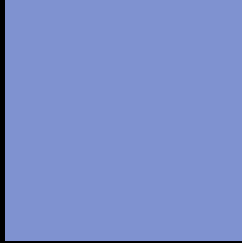
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.3870, -31.2260, 15.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

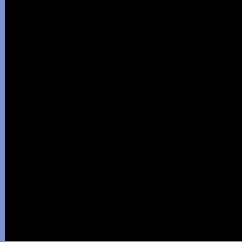
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.3870, -31.2260, 15.2540

Background



This preview shows how black text looks on a background with the YIQ color 147.3870, -31.2260, 15.2540.



This preview shows how white text looks on a background with the YIQ color 147.3870, -31.2260,

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

147.3870, -31.2260, 15.2540

Protanopia

147.9850, -30.0340, 15.6780

Deuteranopia

147.0880, -31.8220, 15.0420



Tritanopia

144.3050, -25.9040, -4.1120

Trichromacy



Original Color

147.3870, -31.2260, 15.2540

Protanomaly

147.6860, -30.6300, 15.4660

Deuteranomaly

147.0880, -31.8220, 15.0420

Tritanomaly

145.4500, -27.5100, 2.9700

Monochromacy



Original Color

147.3870, -31.2260, 15.2540

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.4150, -11.2340, 5.3580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.3870, -31.2260, 15.2540 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(127, 146, 208)` looks like.

```
.text, #text, p{  
    color:rgb(127, 146, 208)  
}
```

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(127, 146, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 146, 208) }
```

Border

The CSS property to change the border of an element to YIQ 147.3870, -31.2260, 15.2540 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(127, 146, 208) }
```


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

```
.border{ border-color:rgb(127, 146, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 146, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 146, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 146, 208);  
box-shadow:4px 4px 4px 4px rgb(127, 146,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 147.3870, -31.2260, 15.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 146, 208) }
```

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

```
.background{ background-color: rgb(127,  
146, 208) }
```

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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