

Converting Colors

YIQ(147.0870, -31.2220,
-6.8540)

Have a look what the booklet for
YIQ(147.0870, -31.2220, -6.8540)
contains.

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Color

**YIQ(147.0870, -31.2220,
-6.8540)**

Conversions

Conversions Part 1

Format	Color
Hex	71A0AA
RGB	113, 160, 170
RGB Percent	44%, 63%, 67%
CMY	0.5570, 0.3725, 0.3335
CMYK	0.34, 0.06, 0.00, 0.33
HSL	190°, 25%, 55%
HSV	190°, 34%, 67%
XYZ	26.6333, 31.5584, 42.7012
YIQ	147.0870, -31.2220, -6.8540

Conversions

Conversions Part 2

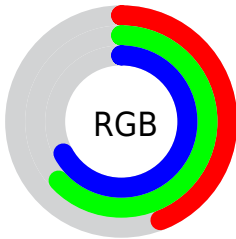
Format	Color
RYB	113, 139, 170
Decimal	7446698
CIELab	62.98, -13.23, -10.23
CIElCh	63, 16.719, 217.717
Yxy	31.5584, 0.2640, 0.3128
Android (android.graphics.Color)	4285636778 (0xFF71A0AA)
YUV	147.0870, 11.2961, -29.8943
Hunter-Lab	56.1769, -13.6830, -5.7438

Details

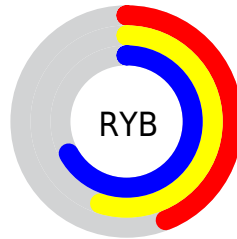
The YIQ color **147.0870, -31.2220, -6.8540** is a light color, and the websafe version is hex **669999**. A complement of this color would be **135.9130, 31.2220, 6.8540**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.7880, -31.8180, -7.0660**, and **95.3860, -30.6260, -6.6420** is the 20% darker color. If you saturate the color by 10%, you get **140.2430, -40.5290, -8.8890**, and if you desaturate by 10%, it is **153.9310, -21.9150, -4.8190**.

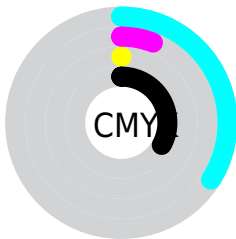
Distribution



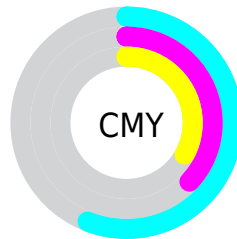
- Red (44%)
- Green (63%)
- Blue (67%)



- Red (44%)
- Yellow (55%)
- Blue (67%)



- Cyan (34%)
- Magenta (6%)
- Yellow (0%)
- Black (33%)



- Cyan (56%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.0870, -31.2220, -6.8540 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 147.0870, -31.2220, -6.8540 by changing the saturation by 10% instead.

■ 147.0870,
-31.2220, -6.8540

■ 147.0870,
-31.2220, -6.8540

■ 255.0000, -0.0000,
-0.0000

■ 120.9730,
-30.9010, -7.1650

■ 201.7880,
-31.8180, -7.0660

■ 95.3860, -30.6260,
-6.6420

■ 229.6030,
-32.7350, -6.9670

■ 70.6740, -31.4970,
-7.3770

■ 245.4320,
-19.0720, -6.7840

■ 45.2820, -36.2650,
-9.0730

■ 254.1030, -1.7880,
-0.6360

■ 28.2510, -25.8120,
-5.7800

■ 14.2310, -13.8920,
-1.5400

■ 0.0000, 0.0000,

0.0000

■ 147.0870,
-31.2220, -6.8540

■ 147.0870,
-31.2220, -6.8540

■ 140.2430,
-40.5290, -8.8890

■ 153.9310,
-21.9150, -4.8190

■ 133.3990,
-49.8360, -10.9240

■ 160.7750,
-12.6080, -2.7840

■ 126.5550,
-59.1430, -12.9590

■ 167.6190, -3.3010,
-0.7490

■ 119.7110,
-68.4500, -14.9940

■ 174.4630, 6.0060,
1.2860

■ 112.8670,
-77.7570, -17.0290

■ 181.3070, 15.3130,
3.3210

■ 106.0230,
-87.0640, -19.0640

■ 188.1510, 24.6200,
5.3560

■ 101.5600,
-93.0700, -20.3500

■ 194.9950, 33.9270,
7.3910

■ 201.8390, 43.2340,
9.4260

■ 205.3940, 45.9850,
9.1290

Harmonies

Analogous

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



146.6760, -25.8110, -11.3070



147.0870, -31.2220, -6.8540



149.3420, -27.3260, -0.3660

Triad

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



147.0870, -31.2220, -6.8540



154.9620, 12.3310, 13.3150



151.6730, 13.8020, -7.8460

Complementary

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



147.0870, -31.2220, -6.8540



135.9130, 31.2220, 6.8540

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.



153.1520, 22.8790, -1.6410



147.0870, -31.2220, -6.8540



155.0570, 22.1890, 10.8690

Square

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



147.0870, -31.2220, -6.8540



154.1930, -1.5610, 11.7750



154.3360, 25.5370, 5.2570



149.6220, 0.6440, -11.6760

Rectangle

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



147.0870, -31.2220, -6.8540



151.2120, -20.9080, 4.4680



154.3360, 25.5370, 5.2570



151.9940, 17.3320, -5.7400

Sweetspot

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



147.0870, -31.2220, -6.8540



213.0740, -12.0120, -2.5720



147.4850, -18.5640, -27.0120



106.9390, -7.1980, -1.7100



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



147.0870, -31.2220, -6.8540



185.9970, -48.6440, -10.5000



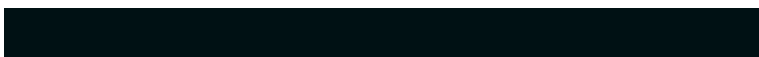
130.6510, -23.5220, 7.7900



81.0210, -4.4930, -1.1730



88.4860, -81.0580, -17.7780



12.2590, -11.0950, -2.6710

Inverse Universe

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



135.4010, 18.8850, 26.7010



167.9330, 29.6110, 41.5710



152.3490, 23.5220, -7.7900



79.1900, 2.5210, 3.8730



58.1600, 49.0460, 69.3180



7.9180, 6.4630, 9.5270

Previews

White Background



This preview shows how the YIQ color 147.0870, -31.2220, -6.8540 looks on a white background.

Color Contrast Check

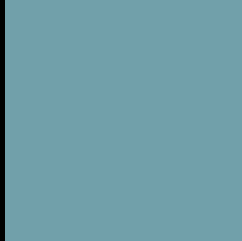
Large Text (above 18pt) WCAG AA × Fail

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 147.0870, -31.2220, -6.8540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

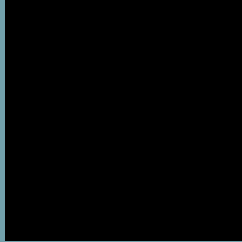
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 147.0870, -31.2220, -6.8540

Background



This preview shows how black text looks on a background with the YIQ color 147.0870, -31.2220, -6.8540.



This preview shows how white text looks on a background with the YIQ color 147.0870, -31.2220, -6.8540.

-6.8540.

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

147.0870, -31.2220, -6.8540

Protanopia

152.4820, -4.1730, 4.0430

Deuteranopia

153.5410, -2.6610, 9.6830



Tritanopia

147.6140, -31.2680, -6.0200

Trichromacy



Original Color

147.0870, -31.2220, -6.8540

Protanomaly

150.2850, -13.9840, 0.1280

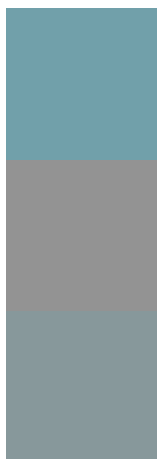
Deuteranomaly

150.9910, -12.9760, 3.8880

Tritanomaly

147.5000, -30.9470, -6.3310

Monochromacy



Original Color

147.0870, -31.2220, -6.8540

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.2590, -11.0950, -2.6710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.0870, -31.2220, -6.8540 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(113, 160, 170)` looks like.

```
.text, #text, p{  
    color:rgb(113, 160, 170)  
}
```

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(113, 160, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 160, 170) }
```

Border

The CSS property to change the border of an element to YIQ 147.0870, -31.2220, -6.8540 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(113, 160, 170) }
```


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

```
.border{ border-color:rgb(113, 160, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 160, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 160, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 160, 170);  
box-shadow:4px 4px 4px 4px rgb(113, 160,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 147.0870, -31.2220, -6.8540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 160, 170) }
```

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

```
.background{ background-color: rgb(113,  
160, 170) }
```

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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