

Converting Colors

YIQ(147.8990, -18.8890,
-4.5930)

Have a look what the booklet for
YIQ(147.8990, -18.8890, -4.5930)
contains.

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Color

**YIQ(147.8990, -18.8890,
-4.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9CA1
RGB	127, 156, 161
RGB Percent	50%, 61%, 63%
CMY	0.5020, 0.3882, 0.3687
CMYK	0.21, 0.03, 0.00, 0.37
HSL	189°, 15%, 56%
HSV	189°, 21%, 63%
XYZ	27.0717, 30.8643, 38.2395
YIQ	147.8990, -18.8890, -4.5930

Conversions

Conversions Part 2

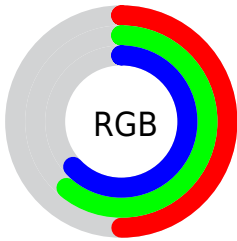
Format	Color
RYB	127, 143, 161
Decimal	8363169
CIELab	62.39, -8.93, -5.95
CIELCh	62, 10.725, 213.672
Yxy	30.8643, 0.2815, 0.3209
Android (android.graphics.Color)	4286553249 (0xFF7F9CA1)
YUV	147.8990, 6.4588, -18.3284
Hunter-Lab	55.5556, -10.2412, -1.9210

Details

The YIQ color **147.8990, -18.8890, -4.5930** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **140.1010, 18.8890, 4.5930**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.3010, -20.0810, -5.0170**, and **97.1980, -18.2930, -4.3810** is the 20% darker color. If you saturate the color by 10%, you get **141.9410, -27.8750, -6.9390**, and if you desaturate by 10%, it is **153.8570, -9.9030, -2.2470**.

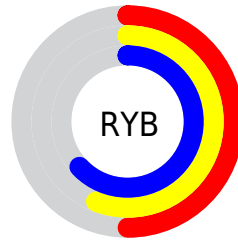
Distribution



Red (50%)

Green (61%)

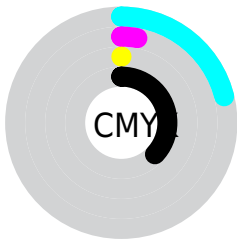
Blue (63%)



Red (50%)

Yellow (56%)

Blue (63%)

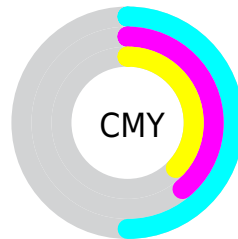


Cyan (21%)

Magenta (3%)

Yellow (0%)

Black (37%)



Cyan (50%)

Magenta (39%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.8990, -18.8890, -4.5930 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 147.8990, -18.8890, -4.5930 by changing the saturation by 10% instead.

■ 147.8990,
-18.8890, -4.5930

■ 147.8990,
-18.8890, -4.5930

■ 255.0000, -0.0000,
-0.0000

■ 122.1980,
-18.2930, -4.3810

■ 202.3010,
-20.0810, -5.0170

■ 97.1980, -18.2930,
-4.3810

■ 230.3010,
-20.0810, -5.0170

■ 73.0840, -17.9720,
-4.6920

■ 249.3190,
-11.3240, -4.0280

■ 50.3830, -17.3760,
-4.4800

■ 27.7850, -18.5680,
-4.9040

■ 11.0850, -10.5450,
-1.6250

■ 0.0000, 0.0000,

0.0000

■ 147.8990,
-18.8890, -4.5930

■ 147.8990,
-18.8890, -4.5930

■ 141.9410,
-27.8750, -6.9390

■ 153.8570, -9.9030,
-2.2470

■ 135.3960,
-36.5860, -8.7620

■ 160.4020, -1.1920,
-0.4240

■ 129.4380,
-45.5720, -11.1080

■ 166.3600, 7.7940,
1.9220

■ 123.4800,
-54.5580, -13.4540

■ 172.3180, 16.7800,
4.2680

■ 116.6360,
-63.8650, -15.4890

■ 178.8630, 25.4910,
6.0910

■ 110.6780,
-72.8510, -17.8350

■ 185.1200, 35.0730,
8.6490

■ 104.7200,
-81.8370, -20.1810

■ 191.0780, 44.0590,
10.9950

■ 98.7730, -89.3560,
-21.5800

■ 197.3240, 52.1740,
12.6060

■ 198.4980, 51.6240,
11.5600

Harmonies

Analogous

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



148.0580, -15.0830, -7.4910



147.8990, -18.8890, -4.5930



149.0180, -17.6060, -0.3100

Triad

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



147.8990, -18.8890, -4.5930



152.5760, 7.4260, 8.5940



150.9270, 10.2710, -4.4250

Complementary

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



147.8990, -18.8890, -4.5930



140.1010, 18.8890, 4.5930

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.



151.1990, 15.4970, -0.0150



147.8990, -18.8890, -4.5930



152.4580, 13.5700, 7.3780

Square

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



147.8990, -18.8890, -4.5930



151.9600, -2.5230, 7.1810



152.3180, 16.7800, 4.2680



149.1540, 2.2020, -6.8700

Rectangle

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



147.8990, -18.8890, -4.5930



149.7520, -13.8010, 2.3190



152.3180, 16.7800, 4.2680



150.6500, 12.6090, -2.7430

Sweetspot

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



147.8990, -18.8890, -4.5930



204.2380, -6.6020, -1.4980



147.5280, -10.9550, -16.2270



101.4340, -4.2180, -0.6500



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



147.8990, -18.8890, -4.5930



188.7560, -28.7920, -6.8400



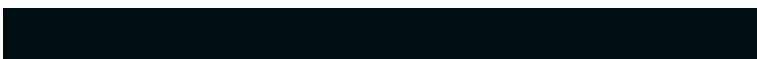
137.9200, -14.2140, 4.2980



78.1350, -4.8140, -0.8620



89.3180, -80.6450, -19.7570



10.8570, -9.9030, -2.2470

Inverse Universe

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



140.4720, 10.9550, 16.2270



177.5640, 16.8680, 24.7080



150.0800, 14.2140, -4.2980



76.4890, 3.1170, 4.0850



57.4910, 46.6160, 69.3040



7.0920, 5.9130, 8.4810

Previews

White Background



This preview shows how the YIQ color 147.8990, -18.8890, -4.5930 looks on a white background.

Color Contrast Check

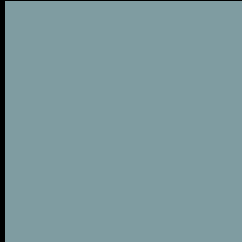
Large Text (above 18pt) WCAG AA × Fail

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 147.8990, -18.8890, -4.5930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

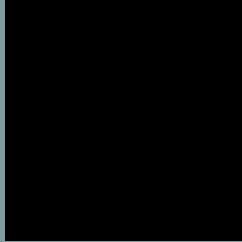
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 147.8990, -18.8890, -4.5930

Background



This preview shows how black text looks on a background with the YIQ color 147.8990, -18.8890, -4.5930.



This preview shows how white text looks on a background with the YIQ color 147.8990, -18.8890, -4.5930.

-4.5930.

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

147.8990, -18.8890, -4.5930

Protanopia

151.0970, -1.6510, 2.3890

Deuteranopia

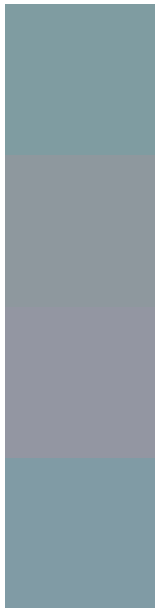
151.8250, 2.2910, 8.0430



Tritanopia

148.2950, -19.9440, -1.9920

Trichromacy



Original Color

147.8990, -18.8890, -4.5930

Protanomaly

149.6940, -7.8860, -0.2540

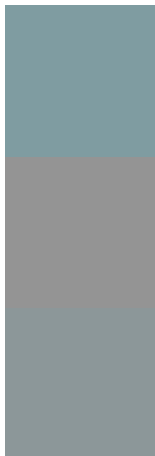
Deuteranomaly

150.4710, -5.6400, 3.0960

Tritanomaly

148.0670, -19.3020, -2.6140

Monochromacy



Original Color

147.8990, -18.8890, -4.5930

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

147.9390, -7.1980, -1.7100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.8990, -18.8890, -4.5930 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, 156, 161)` looks like.

```
.text, #text, p{  
    color:rgb(127, 156, 161)  
}
```

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, 156, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 156, 161) }
```

Border

The CSS property to change the border of an element to YIQ 147.8990, -18.8890, -4.5930 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, 156, 161) }
```


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

```
.border{ border-color:rgb(127, 156, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 156, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 156, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 156, 161); box-shadow:4px 4px 4px 4px rgb(127, 156, 161) }
```

Background

The CSS property to change the background color of an element to YIQ 147.8990, -18.8890, -4.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 156, 161) }
```

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

```
.background{ background-color: rgb(127,  
156, 161) }
```

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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