

Converting Colors

YIQ(147.7760, -14.3490,
-9.7810)

Have a look what the booklet for
YIQ(147.7760, -14.3490, -9.7810)
contains.

| | |
|--|----|
| YIQ(147.7760, -14.3490, -9.7810) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YIQ(147.7760, -14.3490,
-9.7810)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 809E93 |
| RGB | 128, 158, 147 |
| RGB Percent | 50%, 62%, 58% |
| CMY | 0.4981, 0.3803, 0.4236 |
| CMYK | 0.19, 0.00, 0.07, 0.38 |
| HSL | 158°, 13%, 56% |
| HSV | 158°, 19%, 62% |
| XYZ | 26.3936, 31.1519, 32.2205 |
| YIQ | 147.7760, -14.3490, -9.7810 |

Conversions

Conversions Part 2

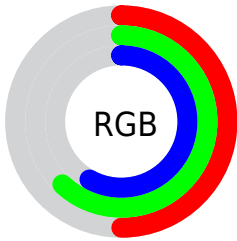
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 128, 146, 158 |
| Decimal | 8429203 |
| CIELab | 62.64, -12.74, 2.30 |
| CIELCh | 63, 12.948, 169.759 |
| Yxy | 31.1519, 0.2940, 0.3470 |
| Android (android.graphics.Color) | 4286619283 (0xFF809E93) |
| YUV | 147.7760, -0.3826, -17.3436 |
| Hunter-Lab | 55.8138, -13.2641, 4.8425 |

Details

The YIQ color **147.7760, -14.3490, -9.7810** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **138.2240, 14.3490, 9.7810**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.0640, -15.2200, -10.5160**, and **97.1890, -14.0740, -9.2580** is the 20% darker color. If you saturate the color by 10%, you get **142.3080, -21.9590, -15.0390**, and if you desaturate by 10%, it is **153.2440, -6.7390, -4.5230**.

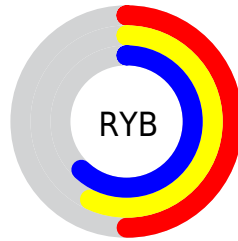
Distribution



Red (50%)

Green (62%)

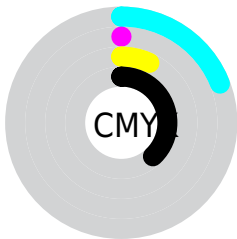
Blue (58%)



Red (50%)

Yellow (57%)

Blue (62%)

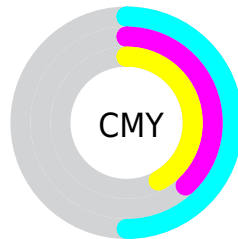


Cyan (19%)

Magenta (0%)

Yellow (7%)

Black (38%)



Cyan (50%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.7760, -14.3490, -9.7810 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 147.7760, -14.3490, -9.7810 by changing the saturation by 10% instead.

■ 147.7760,
-14.3490, -9.7810

■ 147.7760,
-14.3490, -9.7810

■ 255.0000, -0.0000,
-0.0000

■ 122.0750,
-13.7530, -9.5690

■ 202.0640,
-15.2200, -10.5160

■ 97.0750, -13.7530,
-9.5690

■ 230.0640,
-15.2200, -10.5160

■ 72.9010, -13.2030,
-8.5230

■ 249.6180,
-10.7280, -3.8160

■ 49.9010, -13.2030,
-8.5230

■ 28.3140, -12.9280,
-8.0000

■ 10.3210, -5.6380,
-7.9580

■ 0.0000, 0.0000,

0.0000

■ 147.7760,
-14.3490, -9.7810

■ 147.7760,
-14.3490, -9.7810

■ 142.3080,
-21.9590, -15.0390

■ 153.2440, -6.7390,
-4.5230

■ 136.8400,
-29.5690, -20.2970

■ 158.7120, 0.8710,
0.7350

■ 131.7850,
-36.9040, -25.0320

■ 163.7670, 8.2060,
5.4700

■ 126.3170,
-44.5140, -30.2900

■ 169.2350, 15.8160,
10.7280

■ 120.8490,
-52.1240, -35.5480

■ 174.7030, 23.4260,
15.9860

■ 115.3810,
-59.7340, -40.8060

■ 180.1710, 31.0360,
21.2440

■ 109.9130,
-67.3440, -46.0640

■ 185.6390, 38.6460,
26.5020

■ 104.8580,
-74.6790, -50.7990

■ 190.6940, 45.9810,
31.2370

■ 104.1460,
-75.5500, -51.5340

■ 191.6770, 44.6510,
33.3150

Harmonies

Analogous

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



148.6370, -3.7120, -9.8240



147.7760, -14.3490, -9.7810



147.3500, -21.7770, -7.3210

Triad

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



147.7760, -14.3490, -9.7810



152.3230, -7.9790, 6.9410



152.7050, 19.9440, 1.9920

Complementary

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



147.7760, -14.3490, -9.7810



138.2240, 14.3490, 9.7810

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.



153.5680, 19.0720, 6.7840



147.7760, -14.3490, -9.7810



153.3630, 3.7120, 9.8240

Square

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



147.7760, -14.3490, -9.7810



150.3000, -18.3400, 1.9800



153.7400, 12.8360, 9.6680



151.5040, 15.9560, -2.8280

Rectangle

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



147.7760, -14.3490, -9.7810



147.8600, -23.1530, -4.4090



153.7400, 12.8360, 9.6680



153.0580, 20.4480, 3.8720

Sweetspot

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



147.7760, -14.3490, -9.7810



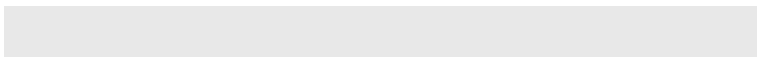
202.5430, -6.1430, -4.3110



148.8990, -1.6940, -13.3580



102.2660, -3.8050, -2.6290



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.



147.7760, -14.3490, -9.7810



190.5960, -22.8300, -15.7740



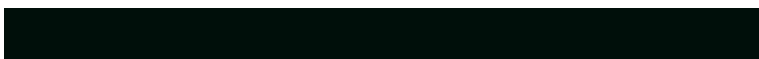
147.2690, -17.0550, -4.7910



76.2660, -3.8050, -2.6290



94.2010, -68.2150, -46.7990



9.9450, -7.3350, -4.7350

Inverse Universe

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



138.2240, 14.3490, 9.7810



175.2900, 23.1510, 15.4630



138.7310, 17.0550, 4.7910



73.7340, 3.8050, 2.6290



48.6850, 68.5360, 46.4880



5.1690, 7.0140, 5.0460

Previews

White Background



This preview shows how the YIQ color 147.7760, -14.3490, -9.7810 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 147.7760, -14.3490, -9.7810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

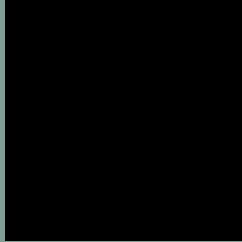
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 147.7760, -14.3490, -9.7810

Background



This preview shows how black text looks on a background with the YIQ color 147.7760, -14.3490, -9.7810.



This preview shows how white text looks on a background with the YIQ color 147.7760, -14.3490, -9.7810.

-9.7810.

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

147.7760, -14.3490, -9.7810

Protanopia

151.5830, 5.5480, -1.4280

Deuteranopia

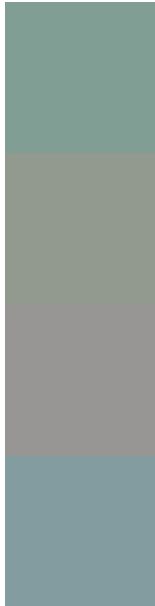
152.3220, 10.9570, 5.1730



Tritanopia

149.4910, -17.5600, -1.1440

Trichromacy



Original Color

147.7760, -14.3490, -9.7810

Protanomaly

150.4680, -1.5580, -4.8060

Deuteranomaly

150.3700, 1.8340, -0.1980

Tritanomaly

148.9810, -16.1840, -4.0560

Monochromacy



Original Color

147.7760, -14.3490, -9.7810

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.2550, -5.2720, -3.5760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.7760, -14.3490, -9.7810 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(128, 158, 147)` looks like.

```
.text, #text, p{  
    color:rgb(128, 158, 147)  
}
```

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(128, 158, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 158, 147) }
```

Border

The CSS property to change the border of an element to YIQ 147.7760, -14.3490, -9.7810 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(128, 158, 147) }
```


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

```
.border{ border-color:rgb(128, 158, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 158, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 158, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 158, 147); box-shadow:4px 4px 4px 4px rgb(128, 158, 147) }
```

Background

The CSS property to change the background color of an element to YIQ 147.7760, -14.3490, -9.7810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 158, 147) }
```

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

```
.background{ background-color: rgb(128,  
158, 147) }
```

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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