

Converting Colors

YIQ(147.9500, -93.9880,
-14.7240)

Have a look what the booklet for
YIQ(147.9500, -93.9880, -14.7240)
contains.

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Color

**YIQ(147.9500, -93.9880,
-14.7240)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 31B7E3 |
| RGB | 49, 183, 227 |
| RGB Percent | 19%, 72%, 89% |
| CMY | 0.8081, 0.2821, 0.1102 |
| CMYK | 0.78, 0.19, 0.00, 0.11 |
| HSL | 195°, 76%, 54% |
| HSV | 195°, 78%, 89% |
| XYZ | 32.0590, 40.0817, 78.6448 |
| YIQ | 147.9500, -93.9880, -14.7240 |

Conversions

Conversions Part 2

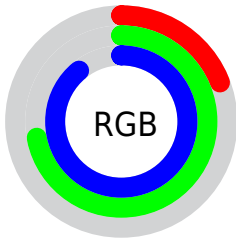
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 49, 125, 227 |
| Decimal | 3258339 |
| CIE Lab | 69.53, -20.60, -31.98 |
| CIE LCh | 70, 38.047, 237.210 |
| Yxy | 40.0817, 0.2126, 0.2658 |
| Android (android.graphics.Color) | 4281448419 (0xFF31B7E3) |
| YUV | 147.9500, 38.9717, -86.7791 |
| Hunter-Lab | 63.3101, -20.4039, -29.3339 |

Details

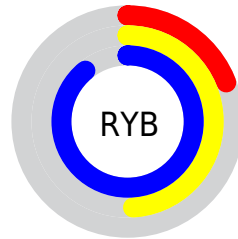
The YIQ color **147.9500, -93.9880, -14.7240** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **128.0500, 93.9880, 14.7240**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.8410, -74.8680, -19.8280**, and **95.8040, -90.6410, -14.8090** is the 20% darker color. If you saturate the color by 10%, you get **137.5510, -106.0460, -16.4620**, and if you desaturate by 10%, it is **158.3490, -81.9300, -12.9860**.

Distribution



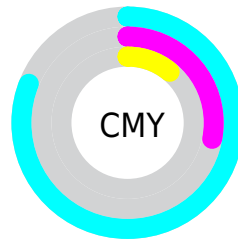
- Red (19%)
- Green (72%)
- Blue (89%)



- Red (19%)
- Yellow (49%)
- Blue (89%)



- Cyan (78%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (81%)
- Magenta (28%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.9500, -93.9880, -14.7240 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 147.9500, -93.9880, -14.7240 by changing the saturation by 10% instead.

■ 147.9500,
-93.9880, -14.7240

■ 147.9500,
-93.9880, -14.7240

■ 255.0000, -0.0000,
-0.0000

■ 114.2580,
-106.7790, -19.6990

■ 205.8410,
-74.8680, -19.8280

■ 95.8040, -90.6410,
-14.8090

■ 224.8010,
-60.1960, -21.4120

■ 78.1650, -75.4200,
-9.8200

■ 234.0700,
-41.7200, -14.8400

■ 60.5260, -60.1990,
-4.8310

■ 243.3390,
-23.2440, -8.2680

■ 44.1750, -45.8490,
-0.5770

■ 252.6080, -4.7680,
-1.6960

■ 29.1120, -32.3700,
2.9420

■ 7.8200, -16.5080,

12.8360

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 147.9500,
-93.9880, -14.7240

■ 147.9500,
-93.9880, -14.7240

■ 137.5510,
-106.0460, -16.4620

■ 158.3490,
-81.9300, -12.9860

■ 128.0380,
-117.7830, -18.5110

■ 167.8620,
-70.1930, -10.9370

■ 126.2550,
-119.8920, -18.8360

■ 178.2610,
-58.1350, -9.1990

■ 188.0730,
-45.8020, -6.9380

■ 198.1730,
-34.3400, -5.4120

■ 208.5720,
-22.2820, -3.6740

■ 218.3840, -9.9490,
-1.4130

■ 228.4840, 1.5130,
0.1130

■ 238.2960, 13.8460,
2.3740

Harmonies

Analogous

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



137.6410, -106.9600, -32.9440



147.9500, -93.9880, -14.7240



163.3560, -56.3040, 7.1840

Triad

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



147.9500, -93.9880, -14.7240



173.4440, 43.6890, 28.7210



163.9370, 12.3380, -25.3740

Complementary

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



147.9500, -93.9880, -14.7240



128.0500, 93.9880, 14.7240

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.



167.7340, 38.1950, -14.9010



147.9500, -93.9880, -14.7240



171.6390, 55.8410, 17.7370

Square

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



147.9500, -93.9880, -14.7240



174.5520, 17.1420, 30.7580



170.2450, 53.4140, 1.1420



159.1100, -22.0020, -30.7860

Rectangle

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



147.9500, -93.9880, -14.7240



169.7940, -30.8140, 18.8020



170.2450, 53.4140, 1.1420



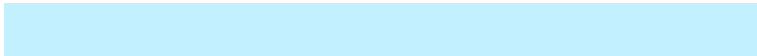
165.6070, 22.1950, -22.2930

Sweetspot

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



147.9500, -93.9880, -14.7240



227.9560, -32.2310, -5.0870



158.1600, -62.1110, -80.3430



111.0670, -19.3020, -2.6140



0.0000, 0.0000, 0.0000



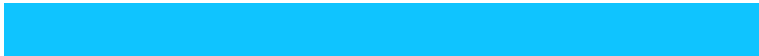
128.0000, -0.0000, -0.0000

Same Dimension

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



147.9500, -93.9880, -14.7240



148.6070, -126.8150, -20.0230



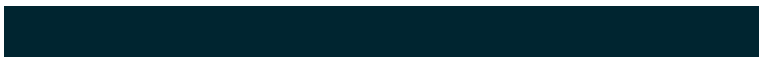
96.8810, -70.0630, 30.7770



106.9500, -5.7310, -0.7630



98.1350, -93.0710, -14.8230



27.1910, -25.5830, -4.4230

Inverse Universe

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



117.4980, 63.0740, 79.4100



107.3940, 84.9390, 107.1710



178.5320, 70.3380, -30.2540



105.2010, 3.9880, 4.8200



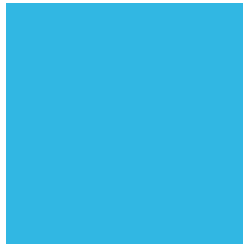
67.7860, 62.2030, 78.6750



18.5700, 16.7310, 21.6830

Previews

White Background



This preview shows how the YIQ color 147.9500, -93.9880, -14.7240 looks on a white background.

Color Contrast Check

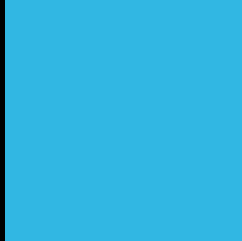
Large Text (above 18pt) WCAG AA × Fail

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 147.9500, -93.9880, -14.7240 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

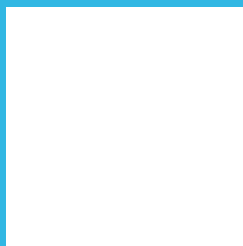
Any Text WCAG AAA ✓ Pass

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

YIQ 147.9500, -93.9880, -14.7240 Background



This preview shows how black text looks on a background with the YIQ color 147.9500, -93.9880, -14.7240.



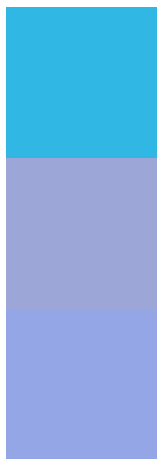
This preview shows how white text looks on a background with the YIQ color 147.9500, -93.9880, -14.7240.

-14.7240.

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

147.9500, -93.9880, -14.7240

Protanopia

169.1830, -21.9640, 12.5960

Deuteranopia

168.3270, -30.9970, 16.6110



Tritanopia

137.0970, -108.2440, -31.7000

Trichromacy



Original Color

147.9500, -93.9880, -14.7240

Protanomaly

161.5000, -48.1420, 2.4340

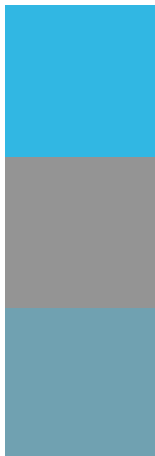
Deuteranomaly

160.9710, -53.7820, 5.5300

Tritanomaly

141.4230, -103.1100, -25.6220

Monochromacy



Original Color

147.9500, -93.9880, -14.7240

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.1730, -34.3400, -5.4120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.9500, -93.9880, -14.7240 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(49, 183, 227)` looks like.

```
.text, #text, p{  
    color:rgb(49, 183, 227)  
}
```

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(49, 183, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 183, 227) }
```

Border

The CSS property to change the border of an element to YIQ 147.9500, -93.9880, -14.7240 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(49, 183, 227) }
```


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

```
.border{ border-color:rgb(49, 183, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 183, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 183, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 183, 227);  
box-shadow:4px 4px 4px 4px rgb(49, 183,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 147.9500, -93.9880, -14.7240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 183, 227) }
```

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

```
.background{ background-color: rgb(49, 183,  
227) }
```

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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