

Converting Colors

YIQ(148.9830, -115.9500,
-13.1820)

Have a look what the booklet for
YIQ(148.9830, -115.9500, -13.1820)
contains.

YIQ(148.9830, -115.9500, -13.1820)	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(148.9830, -115.9500,
-13.1820)**

Conversions

Conversions Part 1

Format	Color
Hex	1EBDFF
RGB	30, 189, 255
RGB Percent	12%, 74%, 100%
CMY	0.8826, 0.2586, 0.0005
CMYK	0.88, 0.26, 0.00, 0.00
HSL	198°, 100%, 56%
HSV	198°, 88%, 100%
XYZ	36.7739, 43.9104, 101.0351
YIQ	148.9830, -115.9500, -13.1820

Conversions

Conversions Part 2

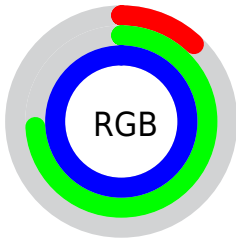
Format	Color
R _Y B	30, 123, 255
Decimal	2014719
CIE Lab	72.17, -15.70, -43.06
CIE LCh	72, 45.833, 249.969
Yxy	43.9104, 0.2024, 0.2416
Android (android.graphics.Color)	4280204799 (0xFF1EBDFF)
YUV	148.9830, 52.2664, -104.3481
Hunter-Lab	66.2649, -16.9044, -44.0149

Details

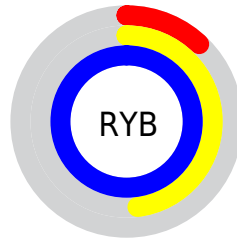
The YIQ color **148.9830, -115.9500, -13.1820** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **136.0170, 115.9500, 13.1820**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **208.7650, -77.7100, -23.3900**, and **102.4040, -100.9580, -9.5500** is the 20% darker color. If you saturate the color by 10%, you get **137.1000, -129.5210, -15.0330**, and if you desaturate by 10%, it is **161.1540, -103.2500, -12.0660**.

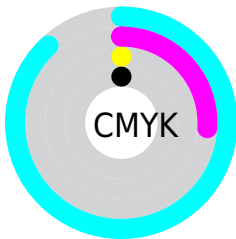
Distribution



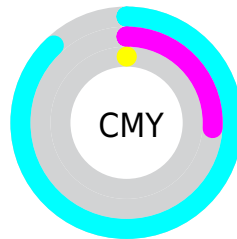
- Red (12%)
- Green (74%)
- Blue (100%)



- Red (12%)
- Yellow (48%)
- Blue (100%)



- Cyan (88%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (88%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.9830, -115.9500, -13.1820 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 148.9830, -115.9500, -13.1820 by changing the saturation by 10% instead.

■ 148.9830,
-115.9500, -13.1820

■ 148.9830,
-115.9500, -13.1820

■ 255.0000, -0.0000,
-0.0000

■ 120.8580,
-117.0960, -14.4400

■ 208.7650,
-77.7100, -23.3900

■ 102.4040,
-100.9580, -9.5500

■ 224.5020,
-60.7920, -21.6240

■ 84.5370, -85.0950,
-5.1830

■ 234.0700,
-41.7200, -14.8400

■ 66.8980, -69.8740,
-0.1940

■ 243.6380,
-22.6480, -8.0560

■ 50.4330, -55.2030,
3.7490

■ 253.2060, -3.5760,
-1.2720

■ 34.6690, -41.1280,
7.4800

■ 19.6060, -27.6490,

10.9990

■ 7.0050, -15.5910,
12.7370

■ 3.3230, -7.9790,
6.9410

■ 148.9830,
-115.9500, -13.1820

■ 148.9830,
-115.9500, -13.1820

■ 137.1000,
-129.5210, -15.0330

■ 161.1540,
-103.2500, -12.0660

■ 134.7300,
-131.3550, -14.8350

■ 173.0370,
-89.6790, -10.2150

■ 184.6210,
-76.7040, -8.5760

■ 197.0910,
-63.4080, -7.2480

■ 208.6750,
-50.4330, -5.6090

■ 221.1450,
-37.1370, -4.2810

■ 232.7290,
-24.1620, -2.6420

■ 245.1990,
-10.8660, -1.3140

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



141.1580, -127.4090, -31.2890



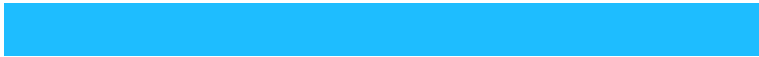
148.9830, -115.9500, -13.1820



172.7470, -49.7950, 15.8770

Triad

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



148.9830, -115.9500, -13.1820



178.8820, 60.0110, 30.2750



167.2400, -2.0570, -34.3210

Complementary

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



148.9830, -115.9500, -13.1820



136.0170, 115.9500, 13.1820

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.



172.0720, 33.8870, -24.9370



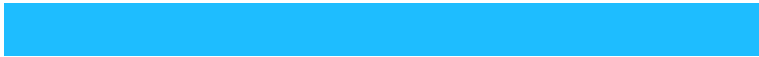
148.9830, -115.9500, -13.1820



177.3490, 68.2210, 13.6370

Square

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



148.9830, -115.9500, -13.1820



181.6470, 36.1680, 38.3760



175.9000, 58.4590, -7.6930



158.4100, -49.5100, -38.8700

Rectangle

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



148.9830, -115.9500, -13.1820



179.7620, -18.6200, 29.0920



175.9000, 58.4590, -7.6930



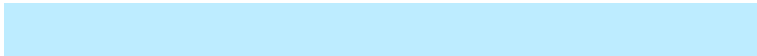
169.2370, 11.1930, -32.1590

Sweetspot

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



148.9830, -115.9500, -13.1820



224.1130, -34.1110, -4.0550



169.3710, -82.4190, -97.7710



108.9960, -20.5400, -2.2040



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.



148.9830, -115.9500, -13.1820



134.7300, -131.3550, -14.8350



84.4130, -85.7000, 44.3480



121.7650, -6.6480, -0.6640



101.0190, -98.4360, -11.2040



33.7110, -32.9190, -3.6310

Inverse Universe

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



115.4010, 83.0610, 97.1490



96.7650, 94.2000, 110.0400



200.5870, 85.7000, -44.3480



119.9130, 4.8590, 5.5550



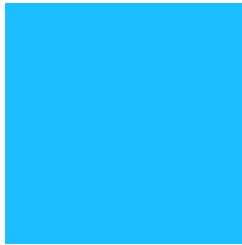
72.4990, 70.5010, 82.4770



24.2660, 23.6990, 27.5630

Previews

White Background



This preview shows how the YIQ color 148.9830, -115.9500, -13.1820 looks on a white background.

Color Contrast Check

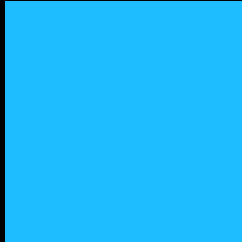
Large Text (above 18pt) WCAG AA × Fail

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 148.9830, -115.9500, -13.1820 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

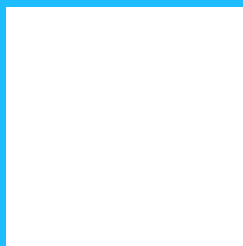
Any Text WCAG AAA ✓ Pass

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

YIQ 148.9830, -115.9500, -13.1820 Background



This preview shows how black text looks on a background with the YIQ color 148.9830, -115.9500, -13.1820.



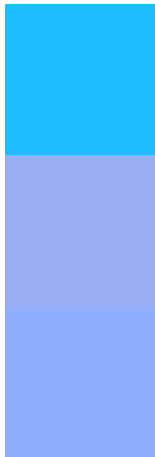
This preview shows how white text looks on a background with the YIQ color 148.9830, -115.9500, -13.1820.

-13.1820.

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

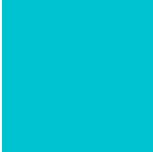
148.9830, -115.9500, -13.1820

Protanopia

175.4840, -32.8770, 17.6430

Deuteranopia

173.6660, -45.0730, 18.4070



Tritanopia

138.4050, -121.0350, -36.6750

Trichromacy



Original Color

148.9830, -115.9500, -13.1820

Protanomaly

166.1210, -62.9520, 6.5200

Deuteranomaly

164.3420, -70.8840, 7.1000

Tritanomaly

142.3440, -119.0650, -28.3210

Monochromacy



Original Color

148.9830, -115.9500, -13.1820

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.2800, -41.9510, -5.1430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.9830, -115.9500, -13.1820 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(30, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(30, 189, 255)  
}
```

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(30, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 189, 255) }
```

Border

The CSS property to change the border of an element to YIQ 148.9830, -115.9500, -13.1820 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(30, 189, 255) }
```


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

```
.border{ border-color:rgb(30, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(30, 189,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 148.9830, -115.9500, -13.1820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 189, 255) }
```

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

```
.background{ background-color: rgb(30, 189,  
255) }
```

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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