

# Converting Colors

YIQ(119.0770, -95.1830, 1.4330)

Have a look what the booklet for  
YIQ(119.0770, -95.1830, 1.4330)  
contains.

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# Color

**YIQ(119.0770, -95.1830,  
1.4330)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1D90E3
RGB	29, 144, 227
RGB Percent	11%, 56%, 89%
CMY	0.8864, 0.4351, 0.1102
CMYK	0.87, 0.37, 0.00, 0.11
HSL	205°, 78%, 50%
HSV	205°, 87%, 89%
XYZ	24.3353, 25.7614, 76.2813
YIQ	119.0770, -95.1830, 1.4330

# Conversions

## Conversions Part 2

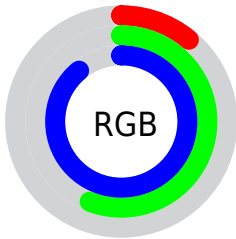
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	29, 102, 227
Decimal	1937635
CIE Lab	57.81, -0.65, -50.37
CIE LCh	58, 50.376, 269.259
Yxy	25.7614, 0.1926, 0.2038
Android (android.graphics.Color)	4280127715 (0xFF1D90E3)
YUV	119.0770, 53.2060, -78.9975
Hunter-Lab	50.7557, -3.2392, -53.5786

# Details

The YIQ color **119.0770, -95.1830, 1.4330** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **136.9230, 95.1830, -1.4330**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1970, -69.2780, 0.0180**, and **74.6720, -80.7410, 4.0190** is the 20% darker color. If you saturate the color by 10%, you get **106.9170, -106.4160, 1.2640**, and if you desaturate by 10%, it is **131.8240, -84.2250, 1.0790**.

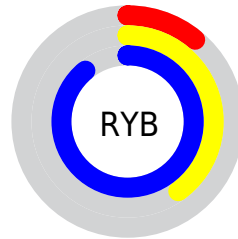
# Distribution



Red (11%)

Green (56%)

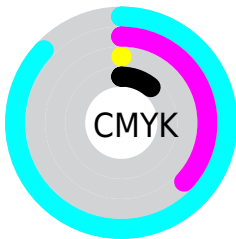
Blue (89%)



Red (11%)

Yellow (40%)

Blue (89%)

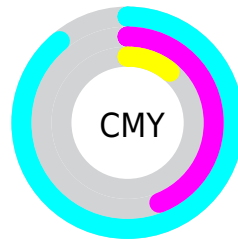


Cyan (87%)

Magenta (37%)

Yellow (0%)

Black (11%)



Cyan (89%)

Magenta (44%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 119.0770, -95.1830, 1.4330 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 119.0770, -95.1830, 1.4330 by changing the saturation by 10% instead.



■ 119.0770,  
-95.1830, 1.4330

■ 119.0770,  
-95.1830, 1.4330

■ 255.0000, -0.0000,  
-0.0000

■ 92.5390, -96.6040,  
-0.3480

■ 178.1970,  
-69.2780, 0.0180

■ 74.6720, -80.7410,  
4.0190

■ 204.2010,  
-57.9060, -7.8420

■ 58.0930, -65.7490,  
7.6510

■ 230.4930,  
-47.4050, -16.4370

■ 42.2150, -51.3530,  
11.0710

■ 240.3490,  
-29.2040, -10.3880

■ 28.2120, -38.1030,  
13.2330

■ 249.6180,  
-10.7280, -3.8160

■ 12.5620, -24.3490,  
17.2750

■ 6.8910, -15.2700,

12.4260

■ 3.3230, -7.9790,  
6.9410

■ 0.0000, 0.0000,  
0.0000

■ 119.0770,  
-95.1830, 1.4330

■ 119.0770,  
-95.1830, 1.4330

■ 106.9170,  
-106.4160, 1.2640

■ 131.8240,  
-84.2250, 1.0790

■ 103.3620,  
-109.1670, 1.5610

■ 143.6850,  
-73.5880, 1.0360

■ 156.4320,  
-62.6300, 0.6820

■ 168.5920,  
-51.3970, 0.8510

■ 181.0400,  
-41.0350, 0.2850

■ 193.2000,  
-29.8020, 0.4540

■ 205.9470,  
-18.8440, 0.1000

■ 217.8080, -8.2070,  
0.0570

■ 230.5550, 2.7510,  
-0.2970

# Harmonies

## Analogous

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



115.3810, -111.3190, -14.5110



119.0770, -95.1830, 1.4330



141.0220, -22.2880, 29.4880

# Triad

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



119.0770, -95.1830, 1.4330



137.4020, 69.8700, 22.3020



120.5870, -36.9470, -40.7790

# Complementary

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



119.0770, -95.1830, 1.4330



136.9230, 95.1830, -1.4330

# 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.



129.8410, 12.2480, -34.7600



119.0770, -95.1830, 1.4330



136.8240, 64.7850, -1.1910

# Square

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



119.0770, -95.1830, 1.4330



139.7710, 56.2500, 37.8660



133.9980, 45.8990, -22.3650



109.4240, -87.6560, -41.3840



# Rectangle

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



119.0770, -95.1830, 1.4330



143.4730, 10.3550, 38.1230



133.9980, 45.8990, -22.3650



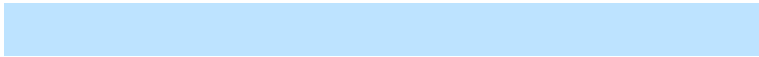
125.1070, -17.9200, -38.6880

# Sweetspot

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



119.0770, -95.1830, 1.4330



218.8300, -31.6360, 0.6520



154.5740, -80.7720, -78.0520



106.0610, -19.1650, 0.4110



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

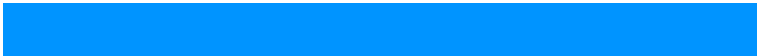


# Same Dimension

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



119.0770, -95.1830, 1.4330



115.9460, -122.5550, 1.9010



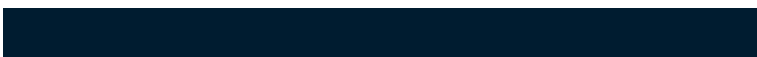
60.9640, -67.9580, 53.2100



106.3630, -5.4560, -0.2400



79.9380, -84.5460, 1.3900



21.9080, -23.1080, 0.2840



# Inverse Universe

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



101.3120, 81.0930, 77.7410



93.1170, 104.4720, 100.0880



194.4490, 68.2330, -52.6870



105.0870, 4.3090, 4.5090



64.2520, 72.1540, 69.0340



17.5440, 19.6200, 18.8840



# Previews

## White Background



This preview shows how the YIQ color 119.0770, -95.1830, 1.4330 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 119.0770, -95.1830, 1.4330 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 × Fail

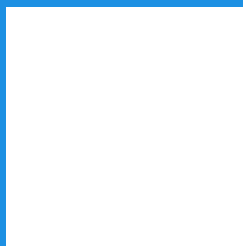
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 119.0770, -95.1830, 1.4330

## Background



This preview shows how black text looks on a background with the YIQ color 119.0770, -95.1830, 1.4330.



This preview shows how white text looks on a background with the YIQ color 119.0770, -95.1830,



# 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

119.0770, -95.1830, 1.4330

### Protanopia

135.9050, -44.2480, 19.9760

### Deuteranopia

131.2060, -64.3290, 14.9590



## Tritanopia

108.6210, -95.0400, -28.7040

# Trichromacy



**Original Color**

119.0770, -95.1830, 1.4330

**Protanomaly**

129.6360, -62.7240, 13.4040

**Deuteranomaly**

126.9980, -75.6070, 10.0970

**Tritanomaly**

112.7710, -95.0420, -17.6500

# Monochromacy



**Original Color**

119.0770, -95.1830, 1.4330

**Achromatopsia**

119.0000, -0.0000, 0.0000

**Achromatomaly**

118.8620, -34.6620, 0.4260

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 119.0770, -95.1830, 1.4330 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(29, 144, 227)` looks like.

```
.text, #text, p{  
    color:rgb(29, 144, 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(29, 144, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 144, 227) }
```

## Border

The CSS property to change the border of an element to YIQ 119.0770, -95.1830, 1.4330 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(29, 144, 227) }
```



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

```
.border{ border-color:rgb(29, 144, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 144, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 144, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 144, 227);  
box-shadow:4px 4px 4px 4px rgb(29, 144,  
227) }
```

# Background

The CSS property to change the background color of an element to YIQ 119.0770, -95.1830, 1.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 144, 227) }
```

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

```
.background{ background-color: rgb(29, 144,  
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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