

# Converting Colors

YIQ(137.1540, -94.0820,  
-2.0020)

Have a look what the booklet for  
YIQ(137.1540, -94.0820, -2.0020)  
contains.

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# Color

**YIQ(137.1540, -94.0820,  
-2.0020)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2EA4EE
RGB	46, 164, 238
RGB Percent	18%, 64%, 93%
CMY	0.8198, 0.3567, 0.0671
CMYK	0.81, 0.31, 0.00, 0.07
HSL	203°, 85%, 56%
HSV	203°, 81%, 93%
XYZ	29.8249, 33.3148, 85.6628
YIQ	137.1540, -94.0820, -2.0020

# Conversions

## Conversions Part 2

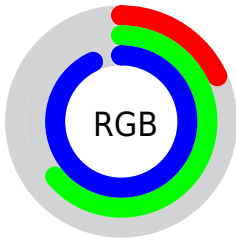
Format	Color
R <sub>Y</sub> B	46, 119, 238
Decimal	3056878
CIE Lab	64.41, -6.85, -45.99
CIE LCh	64, 46.493, 261.530
Yxy	33.3148, 0.2004, 0.2239
Android (android.graphics.Color)	4281246958 (0xFF2EA4EE)
YUV	137.1540, 49.7171, -79.9421
Hunter-Lab	57.7190, -8.7727, -47.5911

# Details

The YIQ color **137.1540, -94.0820, -2.0020** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **146.8460, 94.0820, 2.0020**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **194.1010, -69.3680, -9.3680**, and **87.0790, -89.4970, -2.4970** is the 20% darker color. If you saturate the color by 10%, you get **124.6950, -105.9110, -2.3830**, and if you desaturate by 10%, it is **149.6130, -82.2530, -1.6210**.

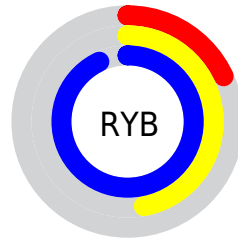
# Distribution



Red (18%)

Green (64%)

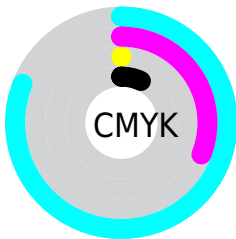
Blue (93%)



Red (18%)

Yellow (47%)

Blue (93%)

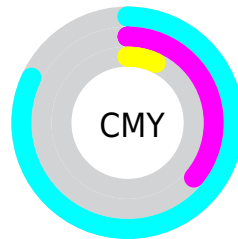


Cyan (81%)

Magenta (31%)

Yellow (0%)

Black (7%)



Cyan (82%)

Magenta (36%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 137.1540, -94.0820, -2.0020 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 137.1540, -94.0820, -2.0020 by changing the saturation by 10% instead.



■ 137.1540,  
-94.0820, -2.0020

■ 137.1540,  
-94.0820, -2.0020

■ 255.0000, -0.0000,  
-0.0000

■ 104.8320,  
-105.0390, -7.1750

■ 194.1010,  
-69.3680, -9.3680

■ 87.0790, -89.4970,  
-2.4970

■ 220.1050,  
-57.9960, -17.2280

■ 69.2120, -73.6340,  
1.8700

■ 234.0700,  
-41.7200, -14.8400

■ 52.7470, -58.9630,  
5.8130

■ 243.3390,  
-23.2440, -8.2680

■ 37.5700, -45.1630,  
9.0210

■ 252.6080, -4.7680,  
-1.6960

■ 22.9800, -31.6380,  
11.7060

■ 9.2050, -19.0300,

14.4900

■ 4.8220, -10.8220,  
8.9060

■ 0.5700, -1.6050,  
1.5550

■ 137.1540,  
-94.0820, -2.0020

■ 137.1540,  
-94.0820, -2.0020

■ 124.6950,  
-105.9110, -2.3830

■ 149.6130,  
-82.2530, -1.6210

■ 112.8340,  
-116.5480, -2.3400

■ 162.0720,  
-70.4240, -1.2400

■ 174.8190,  
-59.4660, -1.5940

■ 187.2780,  
-47.6370, -1.2130

■ 199.7370,  
-35.8080, -0.8320

■ 212.1960,  
-23.9790, -0.4510

■ 224.3560,  
-12.7460, -0.2820

■ 236.8150, -0.9170,  
0.0990

■ 247.7790, 7.9320,  
-0.5800

# Harmonies

## Analogous

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



126.6310, -118.1950, -22.0590



137.1540, -94.0820, -2.0020



156.7710, -32.0070, 23.9050

# Triad

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



137.1540, -94.0820, -2.0020



156.7590, 64.5510, 25.0870



143.2040, -19.5710, -36.2990

# Complementary

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



137.1540, -94.0820, -2.0020



146.8460, 94.0820, 2.0020

# 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.



149.4940, 20.7750, -29.6010



137.1540, -94.0820, -2.0020



155.9260, 64.7380, 5.1700

# Square

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



137.1540, -94.0820, -2.0020



159.4540, 46.8970, 36.6650



153.3670, 49.4740, -15.5660



122.2940, -90.4060, -46.6140



# Rectangle

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



137.1540, -94.0820, -2.0020



160.3790, -1.2440, 33.5720



153.3670, 49.4740, -15.5660



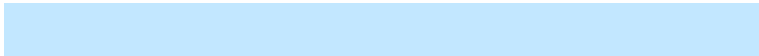
145.5710, -4.4870, -34.3350

# Sweetspot

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



137.1540, -94.0820, -2.0020



222.6730, -29.7560, -0.3800



167.1400, -76.5540, -77.4020



108.1320, -17.9270, 0.0010



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

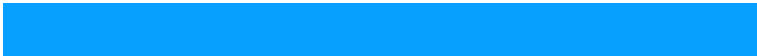


# Same Dimension

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



137.1540, -94.0820, -2.0020



125.3820, -121.0870, -2.6790



80.8020, -67.6820, 48.2060



113.4770, -5.7770, 0.0710



87.3070, -90.1390, -1.8750



26.9290, -27.6010, -0.8890



# Inverse Universe

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



116.8600, 76.5540, 77.4020



99.1810, 98.4200, 99.6360



202.6110, 67.9570, -47.6830



112.3860, 4.9050, 4.7210



67.8980, 73.3910, 74.1510

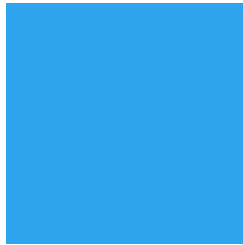


20.7340, 22.1410, 22.7570



# Previews

## White Background



This preview shows how the YIQ color 137.1540, -94.0820, -2.0020 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 137.1540, -94.0820, -2.0020 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

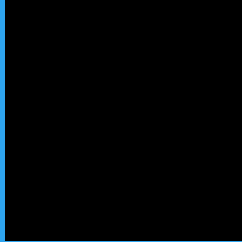
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

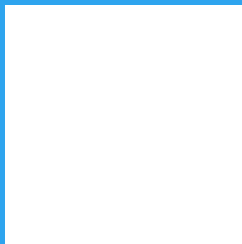
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 137.1540, -94.0820, -2.0020

## Background



This preview shows how black text looks on a background with the YIQ color 137.1540, -94.0820, -2.0020.



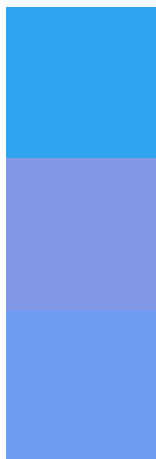
This preview shows how white text looks on a background with the YIQ color 137.1540, -94.0820, -2.0020.

-2.0020.

# 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

137.1540, -94.0820, -2.0020

### Protanopia

154.0860, -37.5080, 18.9720

### Deuteranopia

151.5340, -53.5090, 17.1070

# Trichromacy



## Original Color

137.1540, -94.0820, -2.0020

## Protanomaly

147.6210, -58.3680, 11.5520

## Deuteranomaly

146.0050, -68.3170, 10.1390

# Monochromacy



## Original Color

137.1540, -94.0820, -2.0020

## Achromatopsia

137.0000, -0.0000, 0.0000

## Achromatomaly

137.2210, -34.2950, -0.7190

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 137.1540, -94.0820, -2.0020 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(46, 164, 238)` looks like.

```
.text, #text, p{  
    color:rgb(46, 164, 238)  
}
```

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(46, 164, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 164, 238) }
```

## Border

The CSS property to change the border of an element to YIQ 137.1540, -94.0820, -2.0020 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(46, 164, 238) }
```

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

```
.border{ border-color:rgb(46, 164, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 164, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 164, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 164, 238);  
box-shadow:4px 4px 4px 4px rgb(46, 164,  
238) }
```



# Background

The CSS property to change the background color of an element to YIQ 137.1540, -94.0820, -2.0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 164, 238) }
```

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

```
.background{ background-color: rgb(46, 164,  
238) }
```

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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