

# Converting Colors

YIQ(124.4110, -93.6680,  
-9.5080)

Have a look what the booklet for  
YIQ(124.4110, -93.6680, -9.5080)  
contains.

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# Color

**YIQ(124.4110, -93.6680,  
-9.5080)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1D9CD4
RGB	29, 156, 212
RGB Percent	11%, 61%, 83%
CMY	0.8865, 0.3880, 0.1690
CMYK	0.86, 0.26, 0.00, 0.17
HSL	198°, 76%, 47%
HSV	198°, 86%, 83%
XYZ	24.2725, 28.8033, 66.4976
YIQ	124.4110, -93.6680, -9.5080

# Conversions

## Conversions Part 2

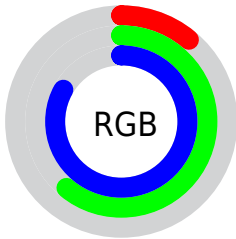
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	29, 104, 212
Decimal	1940692
CIE Lab	60.61, -12.98, -37.60
CIE LCh	61, 39.782, 250.951
Yxy	28.8033, 0.2030, 0.2409
Android (android.graphics.Color)	4280130772 (0xFF1D9CD4)
YUV	124.4110, 43.1814, -83.6754
Hunter-Lab	53.6687, -13.1906, -35.8947

# Details

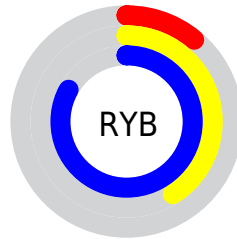
The YIQ color **124.4110, -93.6680, -9.5080** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **116.5890, 93.6680, 9.5080**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.9310, -74.6410, -7.4170**, and **79.5330, -79.2720, -6.0880** is the 20% darker color. If you saturate the color by 10%, you get **114.6100, -104.5340, -10.8220**, and if you desaturate by 10%, it is **134.7990, -83.0770, -8.7170**.

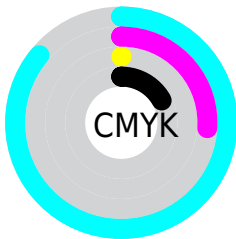
# Distribution



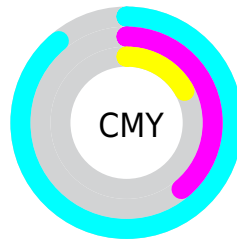
- Red (11%)
- Green (61%)
- Blue (83%)



- Red (11%)
- Yellow (41%)
- Blue (83%)



- Cyan (86%)
- Magenta (26%)
- Yellow (0%)
- Black (17%)



- Cyan (89%)
- Magenta (39%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 124.4110, -93.6680, -9.5080 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 124.4110, -93.6680, -9.5080 by changing the saturation by 10% instead.



■ 124.4110,  
-93.6680, -9.5080

■ 124.4110,  
-93.6680, -9.5080

■ 255.0000, -0.0000,  
-0.0000

■ 97.2860, -94.8140,  
-10.7660

■ 184.9310,  
-74.6410, -7.4170

■ 79.5330, -79.2720,  
-6.0880

■ 211.2230,  
-64.1400, -16.0120

■ 62.4810, -64.3260,  
-1.6220

■ 229.8840,  
-50.0640, -17.8080

■ 46.0160, -49.6550,  
2.3210

■ 239.1530,  
-31.5880, -11.2360

■ 30.9530, -36.1760,  
5.8400

■ 248.4220,  
-13.1120, -4.6640

■ 12.4820, -21.3680,  
12.8080

■ 5.1640, -11.7850,

9.8390

■ 1.1400, -3.2100,  
3.1100

■ 0.0000, 0.0000,  
0.0000

■ 124.4110,  
-93.6680, -9.5080

■ 124.4110,  
-93.6680, -9.5080

■ 114.6100,  
-104.5340, -10.8220

■ 134.7990,  
-83.0770, -8.7170

■ 110.4570,  
-108.4770, -10.9490

■ 144.6000,  
-72.2110, -7.4030

■ 154.7000,  
-60.7490, -5.8770

■ 165.0880,  
-50.1580, -5.0860

■ 174.8890,  
-39.2920, -3.7720

■ 185.2770,  
-28.7010, -2.9810

■ 195.0780,  
-17.8350, -1.6670

■ 205.4660, -7.2440,  
-0.8760

■ 215.5660, 4.2180,  
0.6500

# Harmonies

## Analogous

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



116.8680, -105.8610, -25.3250



124.4110, -93.6680, -9.5080



143.4120, -41.5420, 14.9860

# Triad

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



124.4110, -93.6680, -9.5080



148.3430, 51.1630, 25.4270



137.6300, -2.9750, -28.6950

# Complementary

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



124.4110, -93.6680, -9.5080



116.5890, 93.6680, 9.5080

# 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.



142.0700, 28.2010, -21.0070



124.4110, -93.6680, -9.5080



146.6080, 57.1260, 10.9660

# Square

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



124.4110, -93.6680, -9.5080



150.2070, 31.3550, 31.9870



144.8650, 48.3720, -6.6040



130.2200, -42.8630, -32.6790



# Rectangle

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



124.4110, -93.6680, -9.5080



149.0520, -13.8050, 24.4270



144.8650, 48.3720, -6.6040



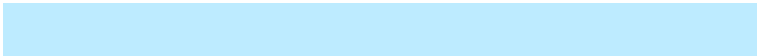
139.7300, 8.4870, -27.1690

# Sweetspot

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



124.4110, -93.6680, -9.5080



223.5260, -33.8360, -3.5320



142.6910, -67.9800, -78.6040



108.4090, -20.2650, -1.6810



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

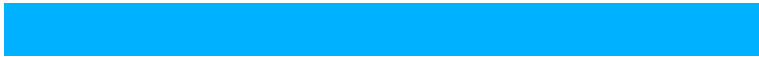


# Same Dimension

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



124.4110, -93.6680, -9.5080



132.9690, -130.5300, -13.2660



71.5810, -68.9180, 37.5620



101.9500, -5.7310, -0.7630



89.3470, -87.6160, -9.0560



22.5120, -22.0530, -2.3170



# Inverse Universe

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



98.1950, 68.3010, 78.2930



96.4230, 95.1630, 109.1070



169.4190, 68.9180, -37.5620



100.2010, 3.9880, 4.8200



64.6950, 63.7170, 73.2610



16.2770, 15.9980, 18.4460



# Previews

## White Background



This preview shows how the YIQ color 124.4110, -93.6680, -9.5080 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 124.4110, -93.6680, -9.5080 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 124.4110, -93.6680, -9.5080

## Background



This preview shows how black text looks on a background with the YIQ color 124.4110, -93.6680, -9.5080.



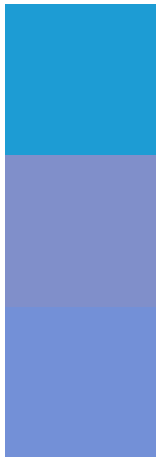
This preview shows how white text looks on a background with the YIQ color 124.4110, -93.6680, -9.5080.

-9.5080.

# 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

124.4110, -93.6680, -9.5080

### Protanopia

145.2410, -27.8790, 15.1690

### Deuteranopia

143.4230, -40.0750, 15.9330



## Tritanopia

114.3430, -100.1290, -30.0890

# Trichromacy



## Original Color

124.4110, -93.6680, -9.5080

## Protanomaly

137.8680, -51.9940, 6.1660

## Deuteranomaly

136.3880, -59.3300, 6.9580

## Tritanomaly

118.0540, -97.5170, -22.3570

# Monochromacy



## Original Color

124.4110, -93.6680, -9.5080

## Achromatopsia

124.0000, -0.0000, -0.0000

## Achromatomaly

124.2270, -34.4320, -3.7440

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 124.4110, -93.6680, -9.5080 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, 156, 212)` looks like.

```
.text, #text, p{  
    color:rgb(29, 156, 212)  
}
```

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, 156, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 156, 212) }
```

## Border

The CSS property to change the border of an element to YIQ 124.4110, -93.6680, -9.5080 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, 156, 212) }
```



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

```
.border{ border-color:rgb(29, 156, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 156, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 156, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 156, 212);  
box-shadow:4px 4px 4px 4px rgb(29, 156,  
212) }
```

# Background

The CSS property to change the background color of an element to YIQ 124.4110, -93.6680, -9.5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 156, 212) }
```

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

```
.background{ background-color: rgb(29, 156,  
212) }
```

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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