

# Converting Colors

YIQ(184.8090, -62.6740,  
-9.5380)

Have a look what the booklet for  
YIQ(184.8090, -62.6740, -9.5380)  
contains.

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# Color

**YIQ(184.8090, -62.6740,  
-9.5380)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77D0EE
RGB	119, 208, 238
RGB Percent	47%, 82%, 93%
CMY	0.5335, 0.1842, 0.0669
CMYK	0.50, 0.13, 0.00, 0.07
HSL	195°, 78%, 70%
HSV	195°, 50%, 93%
XYZ	45.5884, 55.2175, 89.0908
YIQ	184.8090, -62.6740, -9.5380

# Conversions

## Conversions Part 2

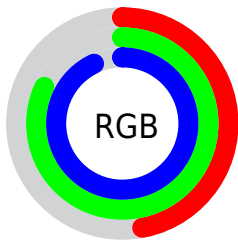
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	119, 170, 238
Decimal	7852270
CIE Lab	79.17, -18.81, -22.98
CIE LCh	79, 29.699, 230.701
Yxy	55.2175, 0.2401, 0.2908
Android (android.graphics.Color)	4286042350 (0xFF77D0EE)
YUV	184.8090, 26.2232, -57.7145
Hunter-Lab	74.3085, -20.5296, -19.0688

# Details

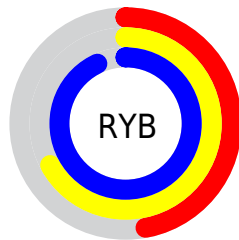
The YIQ color **184.8090, -62.6740, -9.5380** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **172.1910, 62.6740, 9.5380**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.6780, -46.4880, -16.5360**, and **128.1890, -66.8000, -11.8560** is the 20% darker color. If you saturate the color by 10%, you get **174.1110, -75.3280, -11.4880**, and if you desaturate by 10%, it is **195.5070, -50.0200, -7.5880**.

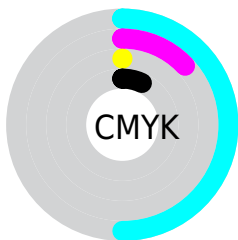
# Distribution



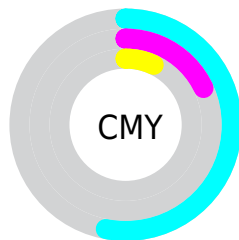
- Red (47%)
- Green (82%)
- Blue (93%)



- Red (47%)
- Yellow (67%)
- Blue (93%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (53%)
- Magenta (18%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 184.8090, -62.6740, -9.5380 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 184.8090, -62.6740, -9.5380 by changing the saturation by 10% instead.



■ 184.8090,  
-62.6740, -9.5380

■ 184.8090,  
-62.6740, -9.5380

■ 255.0000, -0.0000,  
-0.0000

■ 156.2110,  
-63.8660, -9.9620

■ 231.6780,  
-46.4880, -16.5360

■ 128.1890,  
-66.8000, -11.8560

■ 240.6480,  
-28.6080, -10.1760

■ 94.9100, -79.3160,  
-16.3080

■ 249.6180,  
-10.7280, -3.8160

■ 74.5800, -69.4590,  
-13.2270

■ 57.6420, -54.8340,  
-8.4500

■ 41.4050, -40.8050,  
-3.8850

■ 26.4560, -27.6470,

-0.0550

■ 5.1640, -11.7850,  
9.8390

■ 1.1400, -3.2100,  
3.1100

■ 184.8090,  
-62.6740, -9.5380

■ 184.8090,  
-62.6740, -9.5380

■ 174.1110,  
-75.3280, -11.4880

■ 195.5070,  
-50.0200, -7.5880

■ 163.4130,  
-87.9820, -13.4380

■ 206.2050,  
-37.3660, -5.6380

■ 153.0140,  
-100.0400, -15.1760

■ 216.6040,  
-25.3080, -3.9000

■ 142.3160,  
-112.6940, -17.1260

■ 227.3020,  
-12.6540, -1.9500

■ 131.6180,  
-125.3480, -19.0760

■ 238.0000, -0.0000,  
0.0000

■ 246.6050, 8.4820,  
0.4660

■ 250.1270, 6.8320,  
-2.6720

■ 253.0620, 5.4570,  
-5.2870

# Harmonies

## Analogous

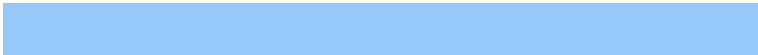
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



182.4530, -59.0960, -19.3200



184.8090, -62.6740, -9.5380



191.0380, -46.7210, 4.2150

# Triad

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



184.8090, -62.6740, -9.5380



200.6380, 31.2190, 23.4350



192.4200, 15.5920, -18.2640

# Complementary

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



184.8090, -62.6740, -9.5380



172.1910, 62.6740, 9.5380

# 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.



195.2810, 35.3970, -8.2430



184.8090, -62.6740, -9.5380



199.5390, 44.3790, 16.2110

# Square

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



184.8090, -62.6740, -9.5380



200.4320, 8.4320, 23.4080



197.3460, 45.9400, 4.4360



189.0840, -9.9450, -23.5210



# Rectangle

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



184.8090, -62.6740, -9.5380



195.5890, -28.9790, 13.0770



197.3460, 45.9400, 4.4360



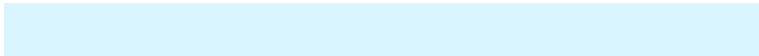
193.4210, 23.0190, -15.1970

# Sweetspot

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



184.8090, -62.6740, -9.5380



237.7680, -19.8980, -2.8260



192.2730, -42.3550, -52.9070



117.6010, -12.0580, -1.7380



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.



184.8090, -62.6740, -9.5380



186.9470, -80.7380, -12.5620



150.1760, -46.4490, 21.3190



114.6510, -6.3270, -0.9750



101.3950, -96.7390, -14.4270



31.0380, -29.5260, -4.5500



# Inverse Universe

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



164.7270, 42.3550, 52.9070



160.8570, 54.2730, 68.2010



206.8240, 46.4490, -21.3190



112.6140, 4.2630, 5.3430



70.6340, 65.6870, 81.6150

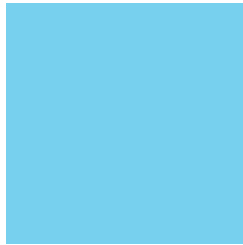


21.5320, 19.8940, 24.9340



# Previews

## White Background



This preview shows how the YIQ color 184.8090, -62.6740, -9.5380 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

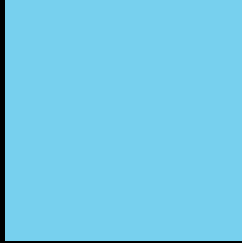
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 184.8090, -62.6740, -9.5380 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 184.8090, -62.6740, -9.5380

## Background



This preview shows how black text looks on a background with the YIQ color 184.8090, -62.6740, -9.5380.



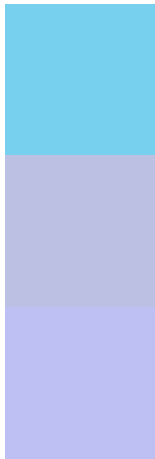
This preview shows how white text looks on a background with the YIQ color 184.8090, -62.6740, -9.5380.

-9.5380.

# 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

184.8090, -62.6740, -9.5380

### Protanopia

195.4950, -14.2150, 9.8250

### Deuteranopia

196.5150, -16.9670, 15.6490



## Tritanopia

183.5330, -62.0770, -14.8530

# Trichromacy



**Original Color**

184.8090, -62.6740, -9.5380

**Protanomaly**

191.4110, -31.7740, 3.1540

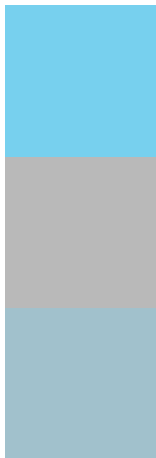
**Deuteranomaly**

192.1490, -33.7920, 6.6880

**Tritanomaly**

183.7010, -62.4900, -12.8740

# Monochromacy



**Original Color**

184.8090, -62.6740, -9.5380

**Achromatopsia**

185.0000, -0.0000, -0.0000

**Achromatomaly**

184.6860, -22.6030, -3.3630

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 184.8090, -62.6740, -9.5380 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(119, 208, 238)` looks like.

```
.text, #text, p{  
    color:rgb(119, 208, 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(119, 208, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 208, 238) }
```

## Border

The CSS property to change the border of an element to YIQ 184.8090, -62.6740, -9.5380 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(119, 208, 238) }
```



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

```
.border{ border-color:rgb(119, 208, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 208, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 208, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 208, 238);  
box-shadow:4px 4px 4px 4px rgb(119, 208,  
238) }
```

# Background

The CSS property to change the background color of an element to YIQ 184.8090, -62.6740, -9.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 208, 238) }
```

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

```
.background{ background-color: rgb(119,  
208, 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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