

# Converting Colors

YIQ(195.4460, -21.6870, 2.0650)

Have a look what the booklet for  
YIQ(195.4460, -21.6870, 2.0650)  
contains.

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# Color

**YIQ(195.4460, -21.6870,  
2.0650)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0C8DF
RGB	176, 200, 223
RGB Percent	69%, 78%, 87%
CMY	0.3098, 0.2156, 0.1256
CMYK	0.21, 0.10, 0.00, 0.13
HSL	209°, 42%, 78%
HSV	209°, 21%, 87%
XYZ	51.8744, 55.8684, 77.8429
YIQ	195.4460, -21.6870, 2.0650

# Conversions

## Conversions Part 2

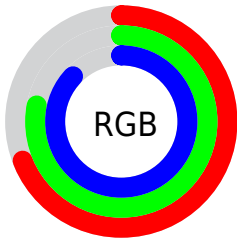
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 192, 223
Decimal	11585759
CIELab	79.54, -3.20, -14.11
CIELCh	80, 14.469, 257.238
Yxy	55.8684, 0.2795, 0.3010
Android (android.graphics.Color)	4289775839 (0xFFB0C8DF)
YUV	195.4460, 13.5841, -17.0541
Hunter-Lab	74.7451, -6.9221, -9.4256

# Details

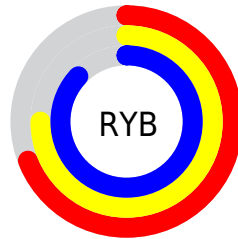
The YIQ color  $195.4460, -21.6870, 2.0650$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $203.5540, 21.6870, -2.0650$ , and the grayscale version is  $195.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $248.1230, -13.7080, -4.8760$ , and  $141.6310, -20.7700, 1.9660$  is the 20% darker color. If you saturate the color by 10%, you get  $182.4110, -31.7740, 3.1540$ , and if you desaturate by 10%, it is  $208.4810, -11.6000, 0.9760$ .

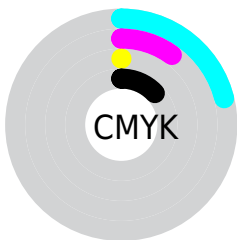
# Distribution



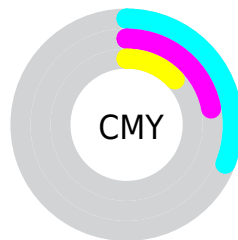
- Red (69%)
- Green (78%)
- Blue (87%)



- Red (69%)
- Yellow (75%)
- Blue (87%)



- Cyan (21%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (31%)
- Magenta (22%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 195.4460, -21.6870, 2.0650 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 195.4460, -21.6870, 2.0650 by changing the saturation by 10% instead.



■ 195.4460,  
-21.6870, 2.0650

■ 195.4460,  
-21.6870, 2.0650

■ 255.0000, -0.0000,  
-0.0000

■ 168.3320,  
-21.3660, 1.7540

■ 248.1230,  
-13.7080, -4.8760

■ 141.6310,  
-20.7700, 1.9660

■ 115.5170,  
-20.4490, 1.6550

■ 91.4030, -20.1280,  
1.3440

■ 67.2890, -19.8070,  
1.0330

■ 44.5770, -20.6780,  
0.2980

■ 22.4520, -21.8240,

-0.9600

■ 3.4370, -8.3000,  
7.2520

■ 0.0000, 0.0000,  
0.0000

■ 195.4460,  
-21.6870, 2.0650

■ 195.4460,  
-21.6870, 2.0650

■ 182.4110,  
-31.7740, 3.1540

■ 208.4810,  
-11.6000, 0.9760

■ 169.0770,  
-42.4570, 4.0310

■ 221.8150, -0.9170,  
0.0990

■ 156.0420,  
-52.5440, 5.1200

■ 234.8500, 9.1700,  
-0.9900

■ 143.0070,  
-62.6310, 6.2090

■ 244.8950, 13.2970,  
-4.1990

■ 130.5590,  
-72.9930, 6.7750

■ 250.7650, 10.5470,  
-9.4290

■ 117.2250,  
-83.6760, 7.6520

■ 251.3520, 10.2720,  
-9.9520

■ 104.1900,  
-93.7630, 8.7410

■ 92.3400,  
-102.9330, 9.7310

# Harmonies

## Analogous

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



193.1200, -26.8210, -4.0130



195.4460, -21.6870, 2.0650



197.8820, -11.0510, 7.5490

# Triad

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



195.4460, -21.6870, 2.0650



199.5900, 22.0060, 8.6780



193.9960, -3.3450, -10.9690

# Complementary

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



195.4460, -21.6870, 2.0650



203.5540, 21.6870, -2.0650

# 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.



196.1070, 9.5840, -8.4960



195.4460, -21.6870, 2.0650



198.4990, 23.5200, 3.2640

# Square

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



195.4460, -21.6870, 2.0650



199.5770, 14.8530, 11.6610



197.3580, 19.3030, -2.9130



193.2380, -15.7700, -11.5620



# Rectangle

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



195.4460, -21.6870, 2.0650



199.2530, -1.7900, 10.4180



197.3580, 19.3030, -2.9130



194.4480, 1.1940, -10.6300

# Sweetspot

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



195.4460, -21.6870, 2.0650



246.4060, -7.0150, 0.4810



206.2110, -20.3080, -17.4280



122.3740, -3.9890, 0.7070



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

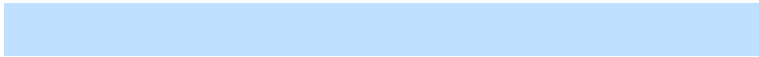


# Same Dimension

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



195.4460, -21.6870, 2.0650



217.6670, -29.6190, 2.6450



181.9450, -15.3620, 14.0940



105.7760, -5.1810, 0.2830



72.8940, -81.2460, 7.6660



20.1470, -22.2830, 1.8530



# Inverse Universe

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



192.7890, 20.3080, 17.4280



213.8980, 27.5510, 23.8310



217.0550, 15.3620, -14.0940



104.9730, 4.6300, 4.1980



62.8840, 76.0060, 65.3020

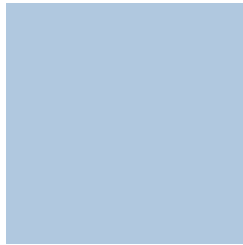


17.2020, 20.5830, 17.9510



# Previews

## White Background



This preview shows how the YIQ color 195.4460, -21.6870, 2.0650 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

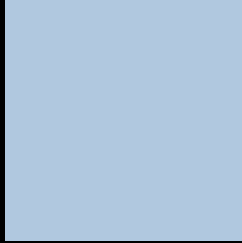
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 195.4460, -21.6870, 2.0650 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

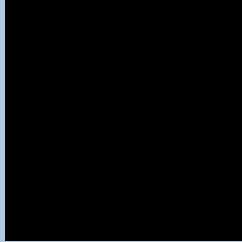
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

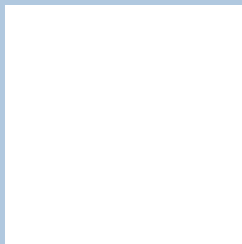
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 195.4460, -21.6870, 2.0650

## Background



This preview shows how black text looks on a background with the YIQ color 195.4460, -21.6870, 2.0650.



This preview shows how white text looks on a background with the YIQ color 195.4460, -21.6870,

2.0650.

# 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

195.4460, -21.6870, 2.0650

### Protanopia

197.2520, -9.2170, 7.3510

### Deuteranopia

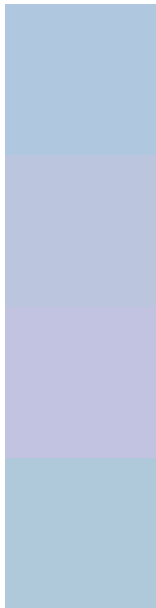
199.0510, -4.0370, 12.5950



## Tritanopia

195.0500, -20.6320, -0.5360

# Trichromacy



## Original Color

195.4460, -21.6870, 2.0650

## Protanomaly

196.7460, -13.6640, 5.3440

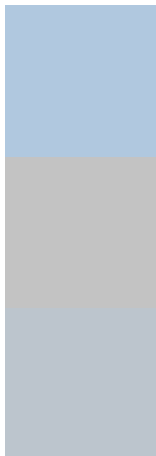
## Deuteranomaly

197.7080, -10.5010, 8.5950

## Tritanomaly

195.2780, -21.2740, 0.0860

# Monochromacy



## Original Color

195.4460, -21.6870, 2.0650

## Achromatopsia

195.0000, -0.0000, 0.0000

## Achromatomaly

195.2210, -7.9320, 0.5800

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 195.4460, -21.6870, 2.0650 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(176, 200, 223)` looks like.

```
.text, #text, p{  
    color:rgb(176, 200, 223)  
}
```

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(176, 200, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 200, 223) }
```

## Border

The CSS property to change the border of an element to YIQ 195.4460, -21.6870, 2.0650 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".

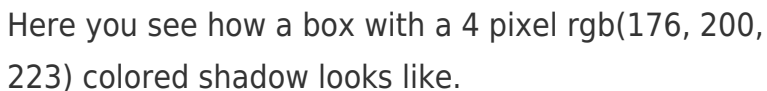
```
.border, #border, table{ border:4px solid rgb(176, 200, 223) }
```



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

```
.border{ border-color:rgb(176, 200, 223) }
```

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



Here you see how a box with a 4 pixel rgb(176, 200, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 200, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 200, 223); box-shadow:4px 4px 4px 4px rgb(176, 200, 223) }
```

# Background

The CSS property to change the background color of an element to YIQ 195.4460, -21.6870, 2.0650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 200, 223) }
```

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

```
.background{ background-color: rgb(176,  
200, 223) }
```

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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