

# Converting Colors

YIQ(195.6850, -12.8350,  
-15.1950)

Have a look what the booklet for  
YIQ(195.6850, -12.8350, -15.1950)  
contains.

<b>YIQ(195.6850, -12.8350, -15.1950)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(195.6850, -12.8350,  
-15.1950)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AED1B8
RGB	174, 209, 184
RGB Percent	68%, 82%, 72%
CMY	0.3177, 0.1803, 0.2785
CMYK	0.17, 0.00, 0.12, 0.18
HSL	137°, 28%, 75%
HSV	137°, 17%, 82%
XYZ	48.9049, 58.0642, 53.9729
YIQ	195.6850, -12.8350, -15.1950

# Conversions

## Conversions Part 2

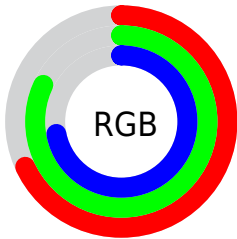
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 201, 209
Decimal	11456952
CIELab	80.77, -16.47, 8.57
CIELCh	81, 18.568, 152.516
Yxy	58.0642, 0.3039, 0.3608
Android (android.graphics.Color)	4289647032 (0xFFAED1B8)
YUV	195.6850, -5.7607, -19.0177
Hunter-Lab	76.1999, -18.7890, 11.3444

# Details

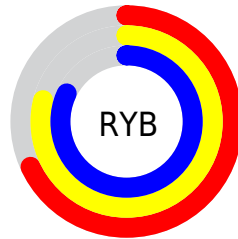
The YIQ color **195.6850, -12.8350, -15.1950** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **187.3150, 12.8350, 15.1950**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **245.8150, -10.0850, -9.9650**, and **141.5110, -12.2850, -14.1490** is the 20% darker color. If you saturate the color by 10%, you get **187.6960, -20.5360, -24.3120**, and if you desaturate by 10%, it is **203.6740, -5.1340, -6.0780**.

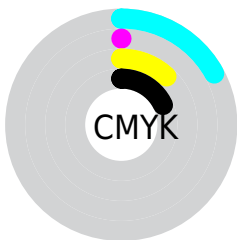
# Distribution



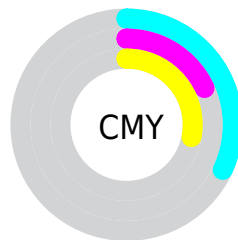
- Red (68%)
- Green (82%)
- Blue (72%)



- Red (68%)
- Yellow (79%)
- Blue (82%)



- Cyan (17%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)



- Cyan (32%)
- Magenta (18%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 195.6850, -12.8350, -15.1950 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 195.6850, -12.8350, -15.1950 by changing the saturation by 10% instead.



■ 195.6850,  
-12.8350, -15.1950

■ 195.6850,  
-12.8350, -15.1950

■ 255.0000, -0.0000,  
-0.0000

■ 168.0980,  
-12.5600, -14.6720

■ 245.8150,  
-10.0850, -9.9650

■ 142.0980,  
-12.5600, -14.6720

■ 115.9240,  
-12.0100, -13.6260

■ 91.3370, -11.7350,  
-13.1030

■ 67.7500, -11.4600,  
-12.5800

■ 44.8640, -11.7810,  
-12.2690

■ 22.9780, -12.1020,

-11.9580

■ 2.9350, -1.3750,  
-2.6150

■ 0.0000, 0.0000,  
0.0000

■ 195.6850,  
-12.8350, -15.1950

■ 195.6850,  
-12.8350, -15.1950

■ 187.6960,  
-20.5360, -24.3120

■ 203.6740, -5.1340,  
-6.0780

■ 179.7070,  
-28.2370, -33.4290

■ 211.6630, 2.5670,  
3.0390

■ 171.7180,  
-35.9380, -42.5460

■ 219.6520, 10.2680,  
12.1560

■ 163.7290,  
-43.6390, -51.6630

■ 226.7440, 16.1810,  
20.6370

■ 155.7400,  
-51.3400, -60.7800

■ 227.9980, 12.6500,  
24.0580

■ 148.0500,  
-58.4450, -69.6850

■ 140.1750,  
-66.4670, -78.4910

■ 132.1860,  
-74.1680, -87.6080

■ 129.5230,  
-76.7350, -90.6470

# Harmonies

## Analogous

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



197.5360, 3.7620, -13.1180



195.6850, -12.8350, -15.1950



194.3120, -27.7820, -14.1340

# Triad

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



195.6850, -12.8350, -15.1950



199.4940, -21.6420, 6.7580



203.2550, 30.2590, 7.7870

# Complementary

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



195.6850, -12.8350, -15.1950



187.3150, 12.8350, 15.1950

# 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.



203.4210, 24.1600, 13.6960



195.6850, -12.8350, -15.1950



202.8660, -4.9540, 12.6940

# Square

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



195.6850, -12.8350, -15.1950



196.8790, -33.3320, -1.6520



204.1300, 11.9180, 15.2940



201.4300, 27.9680, -0.2560



# Rectangle

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



195.6850, -12.8350, -15.1950



193.8970, -33.7430, -10.7270



204.1300, 11.9180, 15.2940



203.2380, 28.9290, 9.8650

# Sweetspot

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



195.6850, -12.8350, -15.1950



250.0870, -4.8590, -5.5550



202.0200, 5.2750, -13.0050



124.9240, -2.8420, -3.5620



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

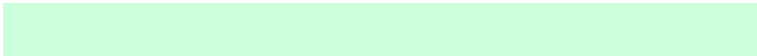


# Same Dimension

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



195.6850, -12.8350, -15.1950



235.6470, -18.8400, -22.0080



197.6230, -18.2920, -9.9080



100.7990, -3.9880, -4.8200



104.0880, -61.6080, -72.9360



25.4350, -15.1270, -17.7110



# Inverse Universe

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



187.3150, 12.8350, 15.1950



223.3530, 18.8400, 22.0080



185.3770, 18.2920, 9.9080



98.2010, 3.9880, 4.8200



63.9120, 61.6080, 72.9360



15.5650, 15.1270, 17.7110



# Previews

## White Background



This preview shows how the YIQ color 195.6850, -12.8350, -15.1950 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 195.6850, -12.8350, -15.1950 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

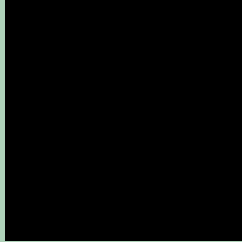
Any Text WCAG AA ✓ Pass

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 195.6850, -12.8350, -15.1950 Background



This preview shows how black text looks on a background with the YIQ color 195.6850, -12.8350, -15.1950.



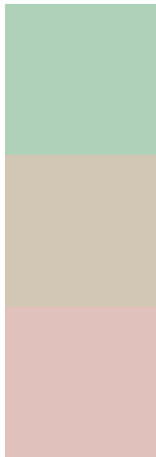
This preview shows how white text looks on a background with the YIQ color 195.6850, -12.8350, -15.1950.

-15.1950.

# 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

195.6850, -12.8350, -15.1950

### Protanopia

199.7100, 12.3800, -4.1000

### Deuteranopia

201.5850, 20.4020, 4.7060



## Tritanopia

198.6480, -19.4400, -0.1120

# Trichromacy



## Original Color

195.6850, -12.8350, -15.1950

## Protanomaly

198.3990, 2.8900, -8.3260

## Deuteranomaly

199.6110, 8.3450, -2.5590

## Tritanomaly

197.7420, -17.0090, -5.6250

# Monochromacy



## Original Color

195.6850, -12.8350, -15.1950

## Achromatopsia

196.0000, -0.0000, -0.0000

## Achromatomaly

196.0870, -4.8590, -5.5550

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 195.6850, -12.8350, -15.1950 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(174, 209, 184)` looks like.

```
.text, #text, p{  
    color:rgb(174, 209, 184)  
}
```

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(174, 209, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 209, 184) }
```

## Border

The CSS property to change the border of an element to YIQ 195.6850, -12.8350, -15.1950 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(174, 209, 184) }
```



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

```
.border{ border-color:rgb(174, 209, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 209, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 209, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 209, 184);  
box-shadow:4px 4px 4px 4px rgb(174, 209,  
184) }
```

# Background

The CSS property to change the background color of an element to YIQ 195.6850, -12.8350, -15.1950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 209, 184) }
```

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

```
.background{ background-color: rgb(174,  
209, 184) }
```

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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