

# Converting Colors

YIQ(189.2060, -39.1070,  
-12.6350)

Have a look what the booklet for  
YIQ(189.2060, -39.1070, -12.6350)  
contains.

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# Color

**YIQ(189.2060, -39.1070,  
-12.6350)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90D0D3
RGB	144, 208, 211
RGB Percent	56%, 82%, 83%
CMY	0.4354, 0.1842, 0.1727
CMYK	0.32, 0.01, 0.00, 0.17
HSL	183°, 43%, 70%
HSV	183°, 32%, 83%
XYZ	45.8102, 55.7518, 69.9483
YIQ	189.2060, -39.1070, -12.6350

# Conversions

## Conversions Part 2

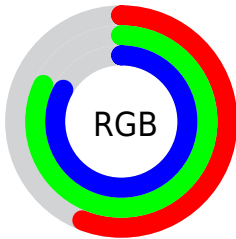
Format	Color
<b>RYB</b>	144, 177, 211
Decimal	9490643
CIELab	79.47, -19.50, -7.96
CIELCh	79, 21.060, 202.219
Yxy	55.7518, 0.2671, 0.3251
Android (android.graphics.Color)	4287680723 (0xFF90D0D3)
YUV	189.2060, 10.7444, -39.6457
Hunter-Lab	74.6672, -21.1533, -3.2760

# Details

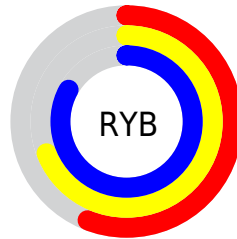
The YIQ color **189.2060, -39.1070, -12.6350** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **165.7940, 39.1070, 12.6350**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **238.5550, -32.7800, -11.6600**, and **134.6190, -38.8320, -12.1120** is the 20% darker color. If you saturate the color by 10%, you get **182.3400, -51.3480, -16.5640**, and if you desaturate by 10%, it is **196.0720, -26.8660, -8.7060**.

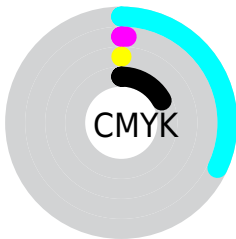
# Distribution



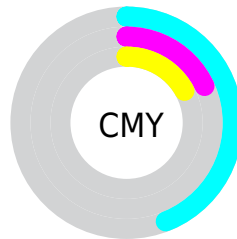
- Red (56%)
- Green (82%)
- Blue (83%)



- Red (56%)
- Yellow (69%)
- Blue (83%)



- Cyan (32%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)



- Cyan (44%)
- Magenta (18%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 189.2060, -39.1070, -12.6350 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 189.2060, -39.1070, -12.6350 by changing the saturation by 10% instead.



■ 189.2060,  
-39.1070, -12.6350

■ 189.2060,  
-39.1070, -12.6350

■ 255.0000, -0.0000,  
-0.0000

■ 161.5050,  
-38.5110, -12.4230

■ 238.5550,  
-32.7800, -11.6600

■ 134.5050,  
-38.5110, -12.4230

■ 247.2260,  
-15.4960, -5.5120

■ 108.5050,  
-38.5110, -12.4230

■ 82.6080, -40.2990,  
-13.0590

■ 55.0200, -47.4510,  
-15.6030

■ 38.8970, -33.7430,  
-10.7270

■ 24.1760, -21.2270,

-6.2750

■ 2.4110, -5.4110,  
4.4530

■ 0.0000, 0.0000,  
0.0000

■ 189.2060,  
-39.1070, -12.6350

■ 189.2060,  
-39.1070, -12.6350

■ 182.3400,  
-51.3480, -16.5640

■ 196.0720,  
-26.8660, -8.7060

■ 175.4740,  
-63.5890, -20.4930

■ 202.9380,  
-14.6250, -4.7770

■ 168.6080,  
-75.8300, -24.4220

■ 209.8040, -2.3840,  
-0.8480

■ 161.7420,  
-88.0710, -28.3510

■ 216.6700, 9.8570,  
3.0810

■ 154.5770,  
-100.9080, -32.4920

■ 223.5360, 22.0980,  
7.0100

■ 147.7110,  
-113.1490, -36.4210

■ 225.9170, 25.3990,  
7.7590

■ 142.6280,  
-123.2810, -40.0250

■ 226.5040, 25.1240,  
7.2360

■ 227.0910, 24.8490,  
6.7130

# Harmonies

## Analogous

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



189.9160, -26.7270, -16.7350



189.2060, -39.1070, -12.6350



190.7640, -40.4380, -5.0300

# Triad

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



189.2060, -39.1070, -12.6350



200.1450, 7.5620, 17.1460



196.7730, 25.2640, -6.3200

# Complementary

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



189.2060, -39.1070, -12.6350



165.7940, 39.1070, 12.6350

# 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.



198.7620, 32.9650, 2.7970



189.2060, -39.1070, -12.6350



200.8170, 23.1050, 16.2970

# Square

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



189.2060, -39.1070, -12.6350



198.4460, -12.5190, 12.1290



200.0320, 32.5050, 11.1370



194.2440, 10.4560, -13.2880



# Rectangle

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



189.2060, -39.1070, -12.6350



193.0900, -35.3040, 1.0480



200.0320, 32.5050, 11.1370



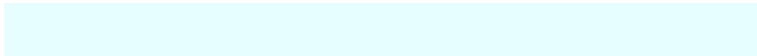
197.6210, 28.7480, -3.3800

# Sweetspot

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



189.2060, -39.1070, -12.6350



246.9380, -14.6250, -4.7770



183.5570, -19.0670, -34.4190



122.6290, -9.2610, -2.8690



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.



189.2060, -39.1070, -12.6350



223.6490, -56.7120, -18.4720



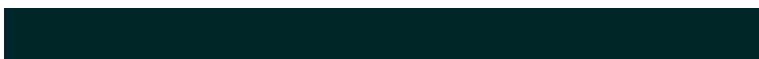
169.8350, -30.0320, 4.6240



101.1240, -6.2810, -1.8090



113.6590, -98.2030, -31.9550



27.5670, -23.8860, -7.6460



# Inverse Universe

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



171.3290, 19.3880, 34.1080



197.6050, 27.9590, 49.4870



185.1650, 30.0320, -4.6240



98.4290, 3.3460, 5.4420



68.5860, 48.4470, 85.6870

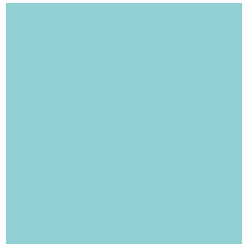


16.7050, 11.9170, 20.8210



# Previews

## White Background



This preview shows how the YIQ color 189.2060, -39.1070, -12.6350 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

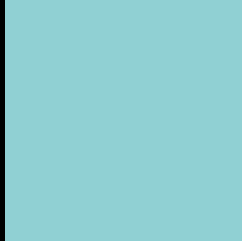
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 189.2060, -39.1070, -12.6350 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

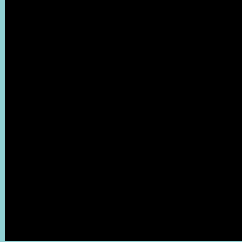
Any Text WCAG AA ✓ Pass

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 189.2060, -39.1070, -12.6350 Background



This preview shows how black text looks on a background with the YIQ color 189.2060, -39.1070, -12.6350.



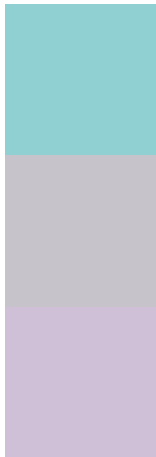
This preview shows how white text looks on a background with the YIQ color 189.2060, -39.1070, -12.6350.

-12.6350.

# 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

189.2060, -39.1070, -12.6350

### Protanopia

196.8090, -0.7800, 3.1240

### Deuteranopia

198.5200, 1.8320, 10.8560



## Tritanopia

190.2970, -40.6210, -7.2210

# Trichromacy



## Original Color

189.2060, -39.1070, -12.6350

## Protanomaly

194.1060, -15.0380, -2.7980

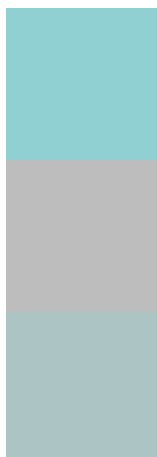
## Deuteranomaly

195.0510, -13.2050, 2.5310

## Tritanomaly

190.1290, -40.2080, -9.2000

# Monochromacy



## Original Color

189.2060, -39.1070, -12.6350

## Achromatopsia

189.0000, -0.0000, -0.0000

## Achromatomaly

189.2370, -14.0290, -4.5650

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 189.2060, -39.1070, -12.6350 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(144, 208, 211)` looks like.

```
.text, #text, p{  
    color:rgb(144, 208, 211)  
}
```

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(144, 208, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 208, 211) }
```

## Border

The CSS property to change the border of an element to YIQ 189.2060, -39.1070, -12.6350 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(144, 208, 211) }
```



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

```
.border{ border-color:rgb(144, 208, 211) }
```

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

Here you see how a box with a 4 pixel rgb(144, 208, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 208, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 208, 211);  
box-shadow:4px 4px 4px 4px rgb(144, 208,  
211) }
```

# Background

The CSS property to change the background color of an element to YIQ 189.2060, -39.1070, -12.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 208, 211) }
```

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

```
.background{ background-color: rgb(144,  
208, 211) }
```

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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