

# Converting Colors

YIQ(191.2310, -23.0600,  
-11.6040)

Have a look what the booklet for  
YIQ(191.2310, -23.0600, -11.6040)  
contains.

<b>YIQ(191.2310, -23.0600, -11.6040)</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(191.2310, -23.0600,  
-11.6040)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2CDC5
RGB	162, 205, 197
RGB Percent	64%, 80%, 77%
CMY	0.3648, 0.1960, 0.2275
CMYK	0.21, 0.00, 0.04, 0.20
HSL	169°, 30%, 72%
HSV	169°, 21%, 80%
XYZ	46.8059, 55.3800, 61.0327
YIQ	191.2310, -23.0600, -11.6040

# Conversions

## Conversions Part 2

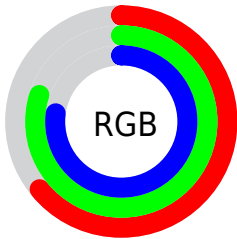
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	162, 186, 205
Decimal	10669509
CIELab	79.26, -15.76, -0.66
CIElCh	79, 15.773, 182.409
Yxy	55.3800, 0.2868, 0.3393
Android (android.graphics.Color)	4288859589 (0xFFA2CDC5)
YUV	191.2310, 2.8441, -25.6356
Hunter-Lab	74.4178, -17.9614, 3.4665

# Details

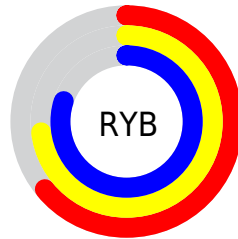
The YIQ color **191.2310, -23.0600, -11.6040** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **175.7690, 23.0600, 11.6040**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **243.5240, -22.3270, -8.3670**, and **137.5300, -22.4640, -11.3920** is the 20% darker color. If you saturate the color by 10%, you get **184.4960, -34.2920, -17.3000**, and if you desaturate by 10%, it is **197.6670, -12.4240, -6.1200**.

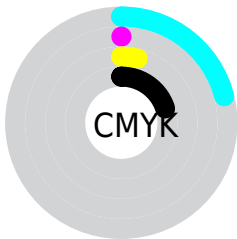
# Distribution



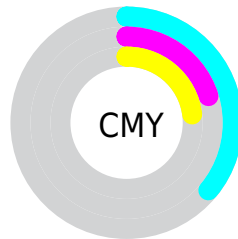
- Red (64%)
- Green (80%)
- Blue (77%)



- Red (64%)
- Yellow (73%)
- Blue (80%)



- Cyan (21%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (36%)
- Magenta (20%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 191.2310, -23.0600, -11.6040 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 191.2310, -23.0600, -11.6040 by changing the saturation by 10% instead.



■ 191.2310,  
-23.0600, -11.6040

■ 191.2310,  
-23.0600, -11.6040

■ 255.0000, -0.0000,  
-0.0000

■ 163.6440,  
-22.7850, -11.0810

■ 243.5240,  
-22.3270, -8.3670

■ 137.5300,  
-22.4640, -11.3920

■ 252.3090, -5.3640,  
-1.9080

■ 111.9430,  
-22.1890, -10.8690

■ 87.2420, -21.5930,  
-10.6570

■ 63.3560, -21.9140,  
-10.3460

■ 39.7580, -23.1060,  
-10.7700

■ 21.8620, -17.4670,

-8.3390

■ 0.0000, 0.0000,  
0.0000

■ 191.2310,  
-23.0600, -11.6040

■ 191.2310,  
-23.0600, -11.6040

■ 184.4960,  
-34.2920, -17.3000

■ 197.6670,  
-12.4240, -6.1200

■ 178.0600,  
-44.9280, -22.7840

■ 204.4020, -1.1920,  
-0.4240

■ 171.3250,  
-56.1600, -28.4800

■ 210.7240, 9.7650,  
4.7490

■ 165.0030,  
-67.1170, -33.6530

■ 217.4590, 20.9970,  
10.4450

■ 158.2680,  
-78.3490, -39.3490

■ 221.2040, 26.2690,  
14.0210

■ 151.8320,  
-88.9850, -44.8330

■ 221.6600, 24.9850,  
15.2650

■ 145.0970,  
-100.2170, -50.5290

■ 222.1160, 23.7010,  
16.5090

■ 139.3730,  
-109.9820, -55.2780

■ 222.5720, 22.4170,  
17.7530

■ 222.9140, 21.4540,  
18.6860

# Harmonies

## Analogous

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



192.5220, -10.8180, -13.2020



191.2310, -23.0600, -11.6040



191.3430, -29.0670, -7.3630

# Triad

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



191.2310, -23.0600, -11.6040



197.9970, -3.9450, 10.9270



197.3910, 23.7040, -0.0720

# Complementary

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



191.2310, -23.0600, -11.6040



175.7690, 23.0600, 11.6040

# 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.



198.2760, 25.7660, 6.6140



191.2310, -23.0600, -11.6040



199.1790, 10.2220, 12.9900

# Square

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



191.2310, -23.0600, -11.6040



195.7070, -17.9280, 5.5280



199.1000, 20.6300, 11.5900



195.9830, 15.8650, -6.6870



# Rectangle

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



191.2310, -23.0600, -11.6040



192.5650, -29.5720, -3.7160



199.1000, 20.6300, 11.5900



197.4560, 25.0790, 2.5430

# Sweetspot

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



191.2310, -23.0600, -11.6040



250.1730, -7.9770, -4.1130



189.9320, -6.4610, -20.5810



125.0810, -4.7220, -2.5300



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

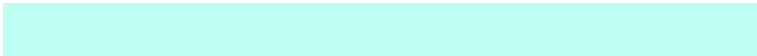


# Same Dimension

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



191.2310, -23.0600, -11.6040



234.4960, -34.2920, -17.3000



184.5120, -22.0530, -2.3170



98.7820, -5.3180, -2.7420



112.8320, -88.9850, -44.8330



25.8400, -20.4010, -10.2330



# Inverse Universe

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



175.7690, 23.0600, 11.6040



211.5040, 34.2920, 17.3000



182.4880, 22.0530, 2.3170



95.2180, 5.3180, 2.7420



53.1680, 88.9850, 44.8330

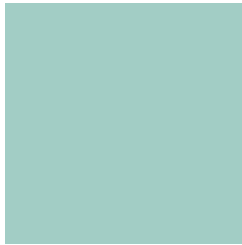


12.1600, 20.4010, 10.2330



# Previews

## White Background



This preview shows how the YIQ color 191.2310, -23.0600, -11.6040 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

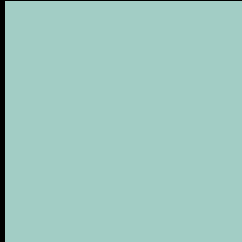
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 191.2310, -23.0600, -11.6040 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

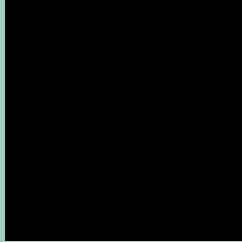
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

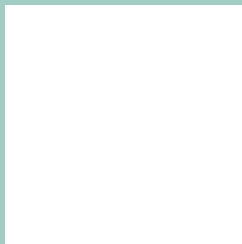
Any Text WCAG AAA ✓ Pass

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

# YIQ 191.2310, -23.0600, -11.6040 Background



This preview shows how black text looks on a background with the YIQ color 191.2310, -23.0600, -11.6040.



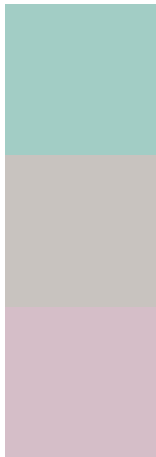
This preview shows how white text looks on a background with the YIQ color 191.2310, -23.0600, -11.6040.

-11.6040.

# 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

191.2310, -23.0600, -11.6040

### Protanopia

196.0390, 4.2640, -0.1840

### Deuteranopia

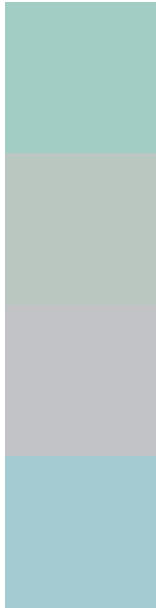
198.0170, 10.4980, 7.9860



## Tritanopia

193.0600, -26.5920, -2.6560

# Trichromacy



## Original Color

191.2310, -23.0600, -11.6040

## Protanomaly

194.4290, -5.8220, -4.6220

## Deuteranomaly

195.1570, -1.8800, 1.0320

## Tritanomaly

192.4360, -24.8950, -5.8790

# Monochromacy



## Original Color

191.2310, -23.0600, -11.6040

## Achromatopsia

191.0000, -0.0000, -0.0000

## Achromatomaly

190.8740, -8.5730, -4.3250

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 191.2310, -23.0600, -11.6040 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(162, 205, 197)` looks like.

```
.text, #text, p{  
    color:rgb(162, 205, 197)  
}
```

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(162, 205, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 205, 197) }
```

## Border

The CSS property to change the border of an element to YIQ 191.2310, -23.0600, -11.6040 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(162, 205, 197) }
```



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

```
.border{ border-color:rgb(162, 205, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 205, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 205, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 205, 197);  
box-shadow:4px 4px 4px 4px rgb(162, 205,  
197) }
```

# Background

The CSS property to change the background color of an element to YIQ 191.2310, -23.0600, -11.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 205, 197) }
```

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

```
.background{ background-color: rgb(162,  
205, 197) }
```

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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