

# Converting Colors

YIQ(210.3380, -30.6710,  
-11.3350)

Have a look what the booklet for  
YIQ(210.3380, -30.6710, -11.3350)  
contains.

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# Color

**YIQ(210.3380, -30.6710,  
-11.3350)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEE2E1
RGB	174, 226, 225
RGB Percent	68%, 89%, 88%
CMY	0.3178, 0.1136, 0.1178
CMYK	0.23, 0.00, 0.00, 0.11
HSL	179°, 47%, 78%
HSV	179°, 23%, 89%
XYZ	58.2372, 68.8342, 81.4290
YIQ	210.3380, -30.6710, -11.3350

# Conversions

## Conversions Part 2

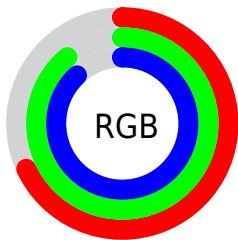
Format	Color
<b>RYB</b>	174, 200, 226
Decimal	11461345
CIELab	86.42, -16.80, -4.95
CIELCh	86, 17.512, 196.417
Yxy	68.8342, 0.2793, 0.3301
Android (android.graphics.Color)	4289651425 (0xFFAAEE2E1)
YUV	210.3380, 7.2284, -31.8684
Hunter-Lab	82.9664, -19.8953, -0.1149

# Details

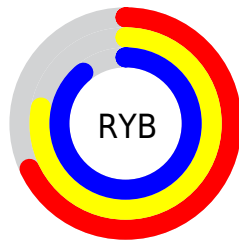
The YIQ color  $210.3380, -30.6710, -11.3350$  is a light color, and the websafe version is hex  $99CCCC$ . A complement of this color would be  $189.6620, 30.6710, 11.3350$ , and the grayscale version is  $210.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $247.5250, -14.9000, -5.3000$ , and  $155.6370, -30.0750, -11.1230$  is the 20% darker color. If you saturate the color by 10%, you get  $203.4610, -44.3790, -16.2110$ , and if you desaturate by 10%, it is  $217.2150, -16.9630, -6.4590$ .

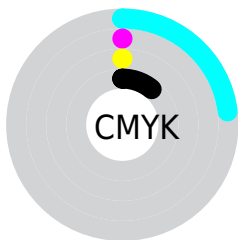
# Distribution



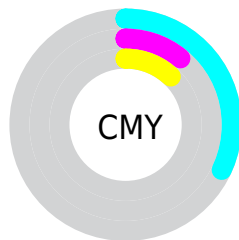
- Red (68%)
- Green (89%)
- Blue (88%)



- Red (68%)
- Yellow (78%)
- Blue (89%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (32%)
- Magenta (11%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 210.3380, -30.6710, -11.3350 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 210.3380, -30.6710, -11.3350 by changing the saturation by 10% instead.



■ 210.3380,  
-30.6710, -11.3350

■ 210.3380,  
-30.6710, -11.3350

■ 255.0000, -0.0000,  
-0.0000

■ 182.6370,  
-30.0750, -11.1230

■ 247.5250,  
-14.9000, -5.3000

■ 155.6370,  
-30.0750, -11.1230

■ 128.9360,  
-29.4790, -10.9110

■ 103.3490,  
-29.2040, -10.3880

■ 78.3490, -29.2040,  
-10.3880

■ 53.8540, -32.1840,  
-11.4480

■ 32.9470, -28.0120,

-9.9640

■ 18.8130, -15.7710,  
-6.0350

■ 0.0000, 0.0000,  
0.0000

■ 210.3380,  
-30.6710, -11.3350

■ 210.3380,  
-30.6710, -11.3350

■ 203.4610,  
-44.3790, -16.2110

■ 217.2150,  
-16.9630, -6.4590

■ 196.7690,  
-57.1700, -21.1860

■ 223.9070, -4.1720,  
-1.4840

■ 189.8920,  
-70.8780, -26.0620

■ 230.7840, 9.5360,  
3.3920

■ 183.2000,  
-83.6690, -31.0370

■ 234.7850, 16.9630,  
6.4590

■ 176.3230,  
-97.3770, -35.9130

■ 234.8990, 16.6420,  
6.7700

■ 169.3320,  
-110.7640, -41.1000

■ 235.0130, 16.3210,  
7.0810

■ 162.7540,  
-123.8760, -45.7640

■ 157.8560,  
-133.0910, -49.4670

# Harmonies

## Analogous

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



211.3900, -19.2540, -14.5020



210.3380, -30.6710, -11.3350



211.4720, -33.7440, -5.2000

# Triad

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



210.3380, -30.6710, -11.3350



218.6990, 2.8860, 13.7820



216.8700, 23.6130, -3.9310

# Complementary

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



210.3380, -30.6710, -11.3350



189.6620, 30.6710, 11.3350

# 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.



218.2500, 28.6550, 3.8150



210.3380, -30.6710, -11.3350



219.8270, 17.1450, 14.1770

# Square

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



210.3380, -30.6710, -11.3350



217.2670, -13.5730, 9.2030



219.3950, 27.0490, 10.8970



214.7220, 12.1060, -10.1500



# Rectangle

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



210.3380, -30.6710, -11.3350



213.3740, -30.3520, -0.5920



219.3950, 27.0490, 10.8970



217.4190, 26.5010, -1.2030

# Sweetspot

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



210.3380, -30.6710, -11.3350



249.6180, -10.7280, -3.8160



205.1220, -13.1080, -26.7720



124.5970, -6.2350, -2.6430



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

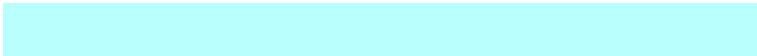


# Same Dimension

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



210.3380, -30.6710, -11.3350



233.6570, -41.9950, -15.3630



196.3640, -24.3920, 1.5280



108.7110, -6.5560, -2.3320



122.9200, -103.6120, -38.5560



33.5340, -28.2870, -10.4870



# Inverse Universe

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



189.6620, 30.6710, 11.3350



205.3430, 41.9950, 15.3630



203.6360, 24.3920, -1.5280



104.2890, 6.5560, 2.3320



53.0800, 103.6120, 38.5560



14.4660, 28.2870, 10.4870



# Previews

## White Background



This preview shows how the YIQ color 210.3380, -30.6710, -11.3350 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

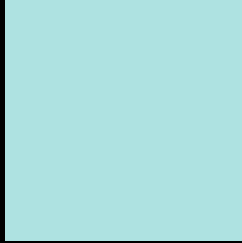
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 210.3380, -30.6710, -11.3350 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

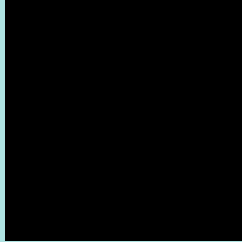
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

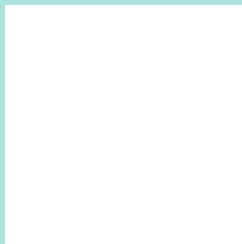
Any Text WCAG AAA ✓ Pass

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

# YIQ 210.3380, -30.6710, -11.3350 Background



This preview shows how black text looks on a background with the YIQ color 210.3380, -30.6710, -11.3350.



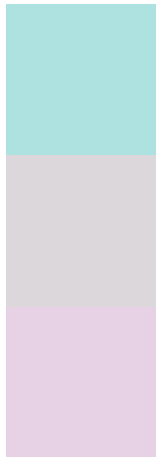
This preview shows how white text looks on a background with the YIQ color 210.3380, -30.6710, -11.3350.

-11.3350.

# 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

210.3380, -30.6710, -11.3350

### Protanopia

216.5380, 1.4210, 1.7810

### Deuteranopia

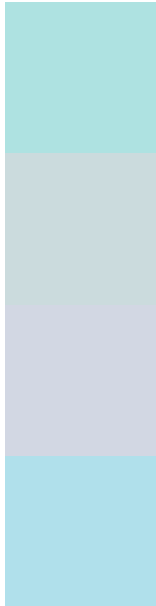
217.7440, 7.0130, 10.5730



## **Tritanopia**

211.2980, -33.1940, -4.1540

# Trichromacy



## Original Color

210.3380, -30.6710, -11.3350

## Protanomaly

214.4440, -10.1780, -2.7700

## Deuteranomaly

214.8730, -6.8320, 2.6720

## Tritanomaly

210.9020, -32.1390, -6.7550

# Monochromacy



## Original Color

210.3380, -30.6710, -11.3350

## Achromatopsia

210.0000, 0.0000, 0.0000

## Achromatomaly

210.2050, -11.0030, -4.3390

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 210.3380, -30.6710, -11.3350 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, 226, 225)` looks like.

```
.text, #text, p{  
    color:rgb(174, 226, 225)  
}
```

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, 226, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 226, 225) }
```

## Border

The CSS property to change the border of an element to YIQ 210.3380, -30.6710, -11.3350 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, 226, 225) }
```



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

```
.border{ border-color:rgb(174, 226, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 226, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 226, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 226, 225);  
box-shadow:4px 4px 4px 4px rgb(174, 226,  
225) }
```

# Background

The CSS property to change the background color of an element to YIQ 210.3380, -30.6710, -11.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 226, 225) }
```

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

```
.background{ background-color: rgb(174,  
226, 225) }
```

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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