

Converting Colors

YIQ(188.7060, -34.5230,
-7.6030)

Have a look what the booklet for
YIQ(188.7060, -34.5230, -7.6030)
contains.

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Color

**YIQ(188.7060, -34.5230,
-7.6030)**

Conversions

Conversions Part 1

Format	Color
Hex	97CBD6
RGB	151, 203, 214
RGB Percent	59%, 80%, 84%
CMY	0.4079, 0.2038, 0.1609
CMYK	0.29, 0.05, 0.00, 0.16
HSL	190°, 43%, 72%
HSV	190°, 29%, 84%
XYZ	46.2509, 54.1518, 71.6081
YIQ	188.7060, -34.5230, -7.6030

Conversions

Conversions Part 2

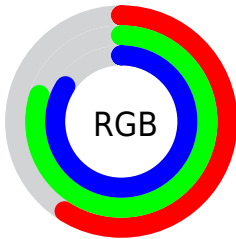
Format	Color
RYB	151, 179, 214
Decimal	9948118
CIELab	78.55, -14.27, -10.91
CIElCh	79, 17.960, 217.399
Yxy	54.1518, 0.2689, 0.3148
Android (android.graphics.Color)	4288138198 (0xFF97CBD6)
YUV	188.7060, 12.4699, -33.0682
Hunter-Lab	73.5879, -16.5894, -6.1834

Details

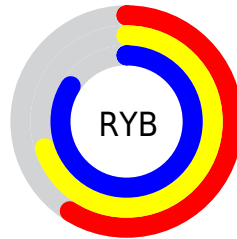
The YIQ color **188.7060, -34.5230, -7.6030** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **176.2940, 34.5230, 7.6030**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.6480, -28.6080, -10.1760**, and **134.8910, -33.6060, -7.7020** is the 20% darker color. If you saturate the color by 10%, you get **180.0790, -45.9390, -9.9630**, and if you desaturate by 10%, it is **197.3330, -23.1070, -5.2430**.

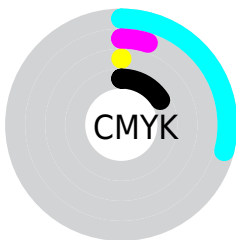
Distribution



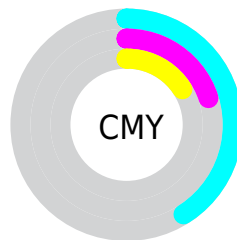
- Red (59%)
- Green (80%)
- Blue (84%)



- Red (59%)
- Yellow (70%)
- Blue (84%)



- Cyan (29%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (41%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.7060, -34.5230, -7.6030 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 188.7060, -34.5230, -7.6030 by changing the saturation by 10% instead.

■ 188.7060,
-34.5230, -7.6030

■ 188.7060,
-34.5230, -7.6030

■ 255.0000, -0.0000,
-0.0000

■ 161.5920,
-34.2020, -7.9140

■ 240.6480,
-28.6080, -10.1760

■ 134.8910,
-33.6060, -7.7020

■ 249.0200,
-11.9200, -4.2400

■ 108.8910,
-33.6060, -7.7020

■ 83.5920, -34.2020,
-7.9140

■ 58.0970, -37.1820,
-8.9740

■ 36.8910, -33.6060,
-7.7020

■ 22.0560, -20.7690,

-3.5610

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 188.7060,
-34.5230, -7.6030

■ 188.7060,
-34.5230, -7.6030

■ 180.0790,
-45.9390, -9.9630

■ 197.3330,
-23.1070, -5.2430

■ 171.7400,
-58.2260, -13.0580

■ 205.6720,
-10.8200, -2.1480

■ 163.1130,
-69.6420, -15.4180

■ 214.2990, 0.5960,
0.2120

■ 154.1870,
-81.6540, -17.9900

■ 223.2250, 12.6080,
2.7840

■ 145.5600,
-93.0700, -20.3500

■ 230.9550, 22.2360,
4.5080

■ 137.5200,
-104.7610, -23.2330

■ 232.7160, 21.4110,
2.9390

■ 128.5940,
-116.7730, -25.8050

■ 235.0640, 20.3110,
0.8470

■ 128.2950,
-117.3690, -26.0170

■ 237.4120, 19.2110,
-1.2450

■ 239.1730, 18.3860,
-2.8140

Harmonies

Analogous

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



188.0670, -28.4700, -12.6780



188.7060, -34.5230, -7.6030



191.4880, -30.6730, -0.2810

Triad

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



188.7060, -34.5230, -7.6030



197.5000, 13.7520, 15.0960



193.5160, 15.6820, -8.8780

Complementary

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



188.7060, -34.5230, -7.6030



176.2940, 34.5230, 7.6030

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.



195.1200, 25.9050, -1.4150



188.7060, -34.5230, -7.6030



197.6660, 24.8480, 12.2400

Square

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



188.7060, -34.5230, -7.6030



196.8340, -1.9280, 12.9200



196.7170, 28.8380, 6.0060



191.5680, 0.7360, -13.3440

Rectangle

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



188.7060, -34.5230, -7.6030



192.9560, -23.0630, 4.9770



196.7170, 28.8380, 6.0060



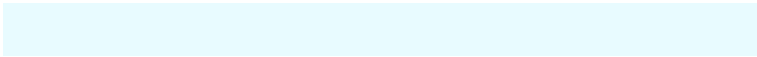
194.1360, 19.8080, -6.5600

Sweetspot

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



188.7060, -34.5230, -7.6030



245.7750, -12.6080, -2.7840



189.1210, -20.5350, -29.8390



121.7540, -8.1150, -1.6110



0.0000, 0.0000, 0.0000



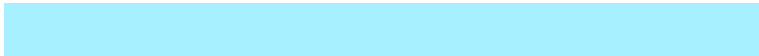
128.0000, -0.0000, -0.0000

Same Dimension

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



188.7060, -34.5230, -7.6030



219.5840, -48.9190, -11.0230



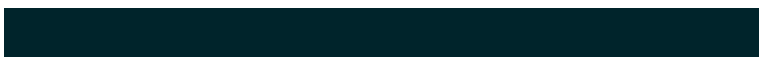
170.5090, -25.9980, 8.6100



102.5370, -6.0060, -1.2860



102.2610, -93.6660, -20.5620



26.0340, -23.7030, -5.4550

Inverse Universe

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



175.7650, 20.8560, 29.5280



201.0470, 29.2900, 41.8820



194.4910, 25.9980, -8.6100



100.3150, 3.6670, 5.1310



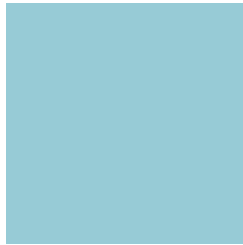
67.2030, 56.6550, 80.1030



16.9610, 14.0720, 20.3120

Previews

White Background



This preview shows how the YIQ color 188.7060, -34.5230, -7.6030 looks on a white background.

Color Contrast Check

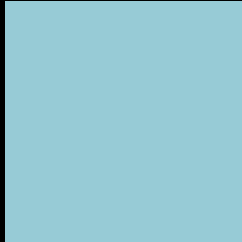
Large Text (above 18pt) WCAG AA × Fail

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 188.7060, -34.5230, -7.6030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

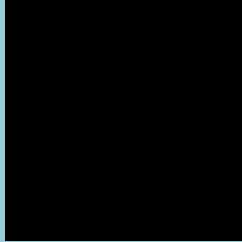
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.7060, -34.5230, -7.6030

Background



This preview shows how black text looks on a background with the YIQ color 188.7060, -34.5230, -7.6030.



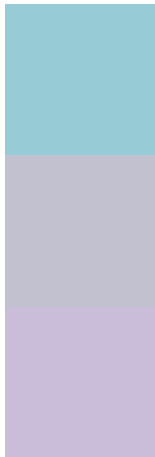
This preview shows how white text looks on a background with the YIQ color 188.7060, -34.5230, -7.6030.

-7.6030.

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

188.7060, -34.5230, -7.6030

Protanopia

194.5960, -4.4940, 4.3540

Deuteranopia

196.0790, -1.2400, 11.4640



Tritanopia

188.9880, -35.2570, -5.3130

Trichromacy



Original Color

188.7060, -34.5230, -7.6030

Protanomaly

192.8010, -15.4970, 0.0150

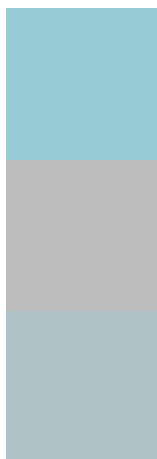
Deuteranomaly

193.2190, -13.6180, 4.5100

Tritanomaly

188.7600, -34.6150, -5.9350

Monochromacy



Original Color

188.7060, -34.5230, -7.6030

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.7750, -12.6080, -2.7840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.7060, -34.5230, -7.6030 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(151, 203, 214)` looks like.

```
.text, #text, p{  
    color:rgb(151, 203, 214)  
}
```

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(151, 203, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 203, 214) }
```

Border

The CSS property to change the border of an element to YIQ 188.7060, -34.5230, -7.6030 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(151, 203, 214) }
```


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

```
.border{ border-color:rgb(151, 203, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 203, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 203, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 203, 214);  
box-shadow:4px 4px 4px 4px rgb(151, 203,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 188.7060, -34.5230, -7.6030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 203, 214) }
```

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

```
.background{ background-color: rgb(151,  
203, 214) }
```

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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