

Converting Colors

YIQ(178.6440, -31.9530,
-21.1450)

Have a look what the booklet for
YIQ(178.6440, -31.9530, -21.1450)
contains.

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Color

**YIQ(178.6440, -31.9530,
-21.1450)**

Conversions

Conversions Part 1

Format	Color
Hex	87C9B2
RGB	135, 201, 178
RGB Percent	53%, 79%, 70%
CMY	0.4708, 0.2116, 0.3021
CMYK	0.33, 0.00, 0.11, 0.21
HSL	159°, 38%, 66%
HSV	159°, 33%, 79%
XYZ	38.9108, 50.1467, 49.7333
YIQ	178.6440, -31.9530, -21.1450

Conversions

Conversions Part 2

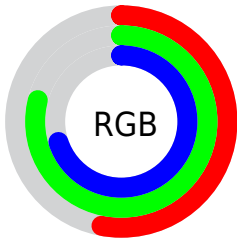
Format	Color
RYB	135, 175, 201
Decimal	8898994
CIELab	76.16, -25.98, 4.87
CIELCh	76, 26.428, 169.382
Yxy	50.1467, 0.2804, 0.3613
Android (android.graphics.Color)	4287089074 (0xFF87C9B2)
YUV	178.6440, -0.3175, -38.2758
Hunter-Lab	70.8143, -25.8435, 7.9303

Details

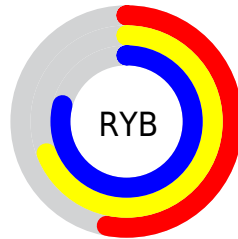
The YIQ color **178.6440, -31.9530, -21.1450** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **157.3560, 31.9530, 21.1450**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.1710, -31.9990, -20.3110**, and **125.0570, -31.6780, -20.6220** is the 20% darker color. If you saturate the color by 10%, you get **171.8660, -41.6260, -27.5620**, and if you desaturate by 10%, it is **185.4220, -22.2800, -14.7280**.

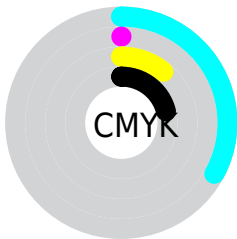
Distribution



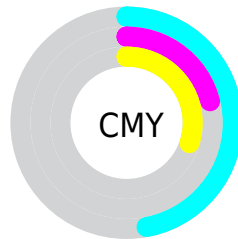
- Red (53%)
- Green (79%)
- Blue (70%)



- Red (53%)
- Yellow (69%)
- Blue (79%)



- Cyan (33%)
- Magenta (0%)
- Yellow (11%)
- Black (21%)



- Cyan (47%)
- Magenta (21%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.6440, -31.9530, -21.1450 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 178.6440, -31.9530, -21.1450 by changing the saturation by 10% instead.

■ 178.6440,
-31.9530, -21.1450

■ 178.6440,
-31.9530, -21.1450

■ 255.0000, -0.0000,
-0.0000

■ 151.6440,
-31.9530, -21.1450

■ 233.1710,
-31.9990, -20.3110

■ 125.0570,
-31.6780, -20.6220

■ 243.9370,
-22.0520, -7.8440

■ 99.1710, -31.9990,
-20.3110

■ 252.6080, -4.7680,
-1.6960

■ 73.8010, -33.8330,
-20.1130

■ 48.4200, -37.1340,
-20.8620

■ 32.5250, -24.0680,
-15.3640

■ 18.6360, -11.1390,

-12.8910

■ 0.0000, 0.0000,
0.0000

■ 178.6440,
-31.9530, -21.1450

■ 178.6440,
-31.9530, -21.1450

■ 171.8660,
-41.6260, -27.5620

■ 185.4220,
-22.2800, -14.7280

■ 165.0880,
-51.2990, -33.9790

■ 192.2000,
-12.6070, -8.3110

■ 158.3100,
-60.9720, -40.3960

■ 198.9780, -2.9340,
-1.8940

■ 151.5320,
-70.6450, -46.8130

■ 205.7560, 6.7390,
4.5230

■ 144.4550,
-80.9140, -53.4420

■ 212.5340, 16.4120,
10.9400

■ 137.6770,
-90.5870, -59.8590

■ 219.3120, 26.0850,
17.3570

■ 132.9210,
-97.3260, -64.3820

■ 220.1100, 23.8380,
19.5340

■ 220.9080, 21.5910,
21.7110

■ 221.7060, 19.3440,
23.8880

Harmonies

Analogous

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



181.4480, -7.9740, -20.6940



178.6440, -31.9530, -21.1450



176.4110, -50.1100, -16.9740

Triad

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



178.6440, -31.9530, -21.1450



189.0910, -18.7090, 14.1790



189.1220, 40.7590, 4.7190

Complementary

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



178.6440, -31.9530, -21.1450



157.3560, 31.9530, 21.1450

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.



191.2610, 39.2900, 14.8260



178.6440, -31.9530, -21.1450



191.4810, 6.7360, 21.1040

Square

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



178.6440, -31.9530, -21.1450



183.7350, -41.4940, 3.0980



192.0180, 27.0930, 21.1170



187.3670, 32.2790, -6.8010

Rectangle

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



178.6440, -31.9530, -21.1450



177.5340, -54.6500, -11.7860



192.0180, 27.0930, 21.1170



189.8280, 41.7670, 8.4790

Sweetspot

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



178.6440, -31.9530, -21.1450



246.4990, -12.0110, -8.0990



180.6190, -4.4420, -29.6420



122.5320, -7.6100, -5.2580



0.0000, 0.0000, 0.0000



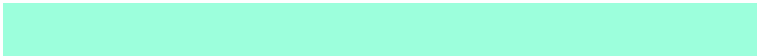
128.0000, -0.0000, -0.0000

Same Dimension

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



178.6440, -31.9530, -21.1450



221.4090, -47.7690, -31.8730



175.3960, -36.5860, -8.7620



95.9670, -4.4010, -2.8410



107.7650, -78.8510, -52.2830



23.7540, -17.2830, -11.6750

Inverse Universe

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



157.3560, 31.9530, 21.1450



189.4770, 48.0900, 31.5620



160.6040, 36.5860, 8.7620



93.0330, 4.4010, 2.8410



55.2350, 78.8510, 52.2830



12.1320, 17.6040, 11.3640

Previews

White Background



This preview shows how the YIQ color 178.6440, -31.9530, -21.1450 looks on a white background.

Color Contrast Check

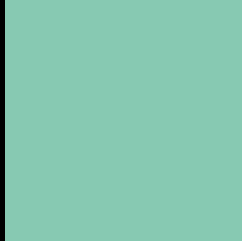
Large Text (above 18pt) WCAG AA × Fail

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 178.6440, -31.9530, -21.1450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

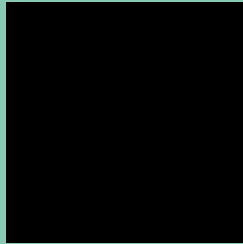
Any Text WCAG AA ✓ Pass

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 178.6440, -31.9530, -21.1450 Background



This preview shows how black text looks on a background with the YIQ color 178.6440, -31.9530, -21.1450.



This preview shows how white text looks on a background with the YIQ color 178.6440, -31.9530, -21.1450.

-21.1450.

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

178.6440, -31.9530, -21.1450

Protanopia

186.5680, 9.9040, -3.2800

Deuteranopia

188.8880, 15.1750, 5.8230



Tritanopia

181.6780, -37.3200, -6.4720

Trichromacy



Original Color

178.6440, -31.9530, -21.1450

Protanomaly

183.5660, -4.9500, -9.4140

Deuteranomaly

185.1090, -1.9250, -3.6610

Tritanomaly

180.5870, -35.8060, -11.8860

Monochromacy



Original Color

178.6440, -31.9530, -21.1450

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.9120, -11.7360, -7.5760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.6440, -31.9530, -21.1450 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(135, 201, 178)` looks like.

```
.text, #text, p{  
    color:rgb(135, 201, 178)  
}
```

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(135, 201, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 201, 178) }
```

Border

The CSS property to change the border of an element to YIQ 178.6440, -31.9530, -21.1450 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(135, 201, 178) }
```


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

```
.border{ border-color:rgb(135, 201, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 201, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 201, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 201, 178);  
box-shadow:4px 4px 4px 4px rgb(135, 201,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 178.6440, -31.9530, -21.1450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 201, 178) }
```

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

```
.background{ background-color: rgb(135,  
201, 178) }
```

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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