

Converting Colors

YIQ(181.2600, -39.1990,
-10.9670)

Have a look what the booklet for
YIQ(181.2600, -39.1990, -10.9670)
contains.

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Color

**YIQ(181.2600, -39.1990,
-10.9670)**

Conversions

Conversions Part 1

Format	Color
Hex	89C7CE
RGB	137, 199, 206
RGB Percent	54%, 78%, 81%
CMY	0.4629, 0.2195, 0.1923
CMYK	0.33, 0.03, 0.00, 0.19
HSL	186°, 41%, 67%
HSV	186°, 33%, 81%
XYZ	41.8756, 50.6284, 65.9315
YIQ	181.2600, -39.1990, -10.9670

Conversions

Conversions Part 2

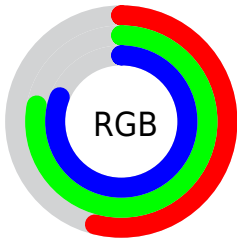
Format	Color
RYB	137, 170, 206
Decimal	9029582
CIELab	76.45, -18.04, -9.80
CIELCh	76, 20.534, 208.508
Yxy	50.6284, 0.2643, 0.3196
Android (android.graphics.Color)	4287219662 (0xFF89C7CE)
YUV	181.2600, 12.1968, -38.8160
Hunter-Lab	71.1536, -19.4674, -5.1311

Details

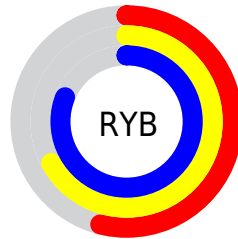
The YIQ color **181.2600, -39.1990, -10.9670** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **161.7400, 39.1990, 10.9670**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4620, -36.9520, -13.1440**, and **127.2600, -39.1990, -10.9670** is the 20% darker color. If you saturate the color by 10%, you get **173.8070, -51.1650, -14.3730**, and if you desaturate by 10%, it is **188.7130, -27.2330, -7.5610**.

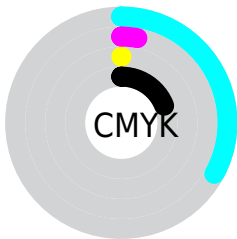
Distribution



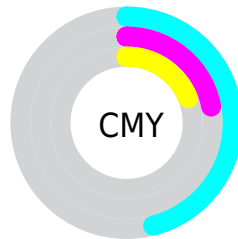
- Red (54%)
- Green (78%)
- Blue (81%)



- Red (54%)
- Yellow (67%)
- Blue (81%)



- Cyan (33%)
- Magenta (3%)
- Yellow (0%)
- Black (19%)



- Cyan (46%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.2600, -39.1990, -10.9670 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 181.2600, -39.1990, -10.9670 by changing the saturation by 10% instead.

■ 181.2600,
-39.1990, -10.9670

■ 181.2600,
-39.1990, -10.9670

■ 255.0000, -0.0000,
-0.0000

■ 154.1460,
-38.8780, -11.2780

■ 236.4620,
-36.9520, -13.1440

■ 127.2600,
-39.1990, -10.9670

■ 244.8340,
-20.2640, -7.2080

■ 101.2600,
-39.1990, -10.9670

■ 253.5050, -2.9800,
-1.0600

■ 75.0640, -41.5830,
-11.8150

■ 49.8680, -43.9670,
-12.6630

■ 34.3320, -30.5340,
-8.3100

■ 20.1980, -18.2930,

-4.3810

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 181.2600,
-39.1990, -10.9670

■ 181.2600,
-39.1990, -10.9670

■ 173.8070,
-51.1650, -14.3730

■ 188.7130,
-27.2330, -7.5610

■ 166.6530,
-62.5350, -17.5670

■ 195.8670,
-15.8630, -4.3670

■ 159.2000,
-74.5010, -20.9730

■ 203.3200, -3.8970,
-0.9610

■ 152.0460,
-85.8710, -24.1670

■ 210.4740, 7.4730,
2.2330

■ 144.5930,
-97.8370, -27.5730

■ 217.9270, 19.4390,
5.6390

■ 137.1400,
-109.8030, -30.9790

■ 223.5860, 27.8290,
7.7730

■ 132.0790,
-117.0010, -32.6890

■ 225.3470, 27.0040,
6.2040

■ 226.5210, 26.4540,
5.1580

■ 227.6950, 25.9040,
4.1120

Harmonies

Analogous

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



181.7740, -29.2030, -15.9150



181.2600, -39.1990, -10.9670



183.4870, -38.1000, -3.3480

Triad

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



181.2600, -39.1990, -10.9670



191.7000, 10.3130, 16.8490



187.9790, 21.6880, -7.5920

Complementary

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



181.2600, -39.1990, -10.9670



161.7400, 39.1990, 10.9670

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.



189.9250, 30.9480, 0.8040



181.2600, -39.1990, -10.9670



191.9590, 25.5810, 15.4770

Square

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



181.2600, -39.1990, -10.9670



190.4250, -8.0260, 13.3020



190.9780, 32.5970, 9.4690



185.9770, 6.8340, -13.7260

Rectangle

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



181.2600, -39.1990, -10.9670



186.1830, -31.1320, 2.5320



190.9780, 32.5970, 9.4690



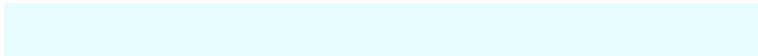
188.7130, 25.4930, -4.9630

Sweetspot

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



181.2600, -39.1990, -10.9670



245.7640, -14.0750, -3.7310



178.3010, -21.2220, -33.9100



122.0420, -8.9860, -2.3460



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.



181.2600, -39.1990, -10.9670



218.6320, -58.0420, -16.3940



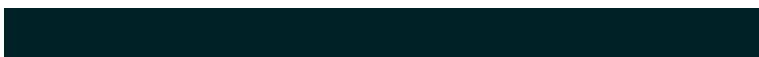
161.3020, -29.8490, 6.8150



98.4230, -5.6850, -1.5970



106.3870, -94.2610, -26.3010



24.2900, -21.5480, -5.9640

Inverse Universe

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



164.6990, 21.2220, 33.9100



193.9860, 31.2600, 50.2360



181.6980, 29.8490, -6.8150



96.0160, 3.0710, 4.9190



66.6200, 51.1070, 81.5310



15.2380, 11.7340, 18.6300

Previews

White Background



This preview shows how the YIQ color 181.2600, -39.1990, -10.9670 looks on a white background.

Color Contrast Check

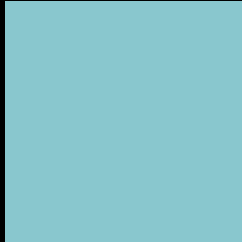
Large Text (above 18pt) WCAG AA × Fail

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 181.2600, -39.1990, -10.9670 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 181.2600, -39.1990, -10.9670 Background



This preview shows how black text looks on a background with the YIQ color 181.2600, -39.1990, -10.9670.



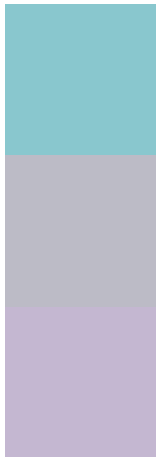
This preview shows how white text looks on a background with the YIQ color 181.2600, -39.1990, -10.9670.

-10.9670.

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

181.2600, -39.1990, -10.9670

Protanopia

188.5530, -2.9350, 3.6330

Deuteranopia

189.8510, -0.5980, 10.8420



Tritanopia

182.1830, -40.3000, -7.5320

Trichromacy



Original Color

181.2600, -39.1990, -10.9670

Protanomaly

185.5620, -16.3220, -1.5540

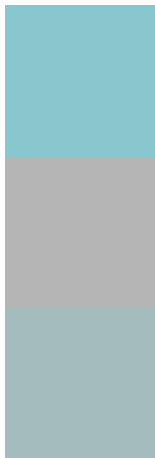
Deuteranomaly

186.9800, -14.4430, 2.9410

Tritanomaly

181.5420, -39.9330, -8.6770

Monochromacy



Original Color

181.2600, -39.1990, -10.9670

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

181.3510, -14.3500, -4.2540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.2600, -39.1990, -10.9670 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(137, 199, 206)` looks like.

```
.text, #text, p{  
    color:rgb(137, 199, 206)  
}
```

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(137, 199, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 199, 206) }
```

Border

The CSS property to change the border of an element to YIQ 181.2600, -39.1990, -10.9670 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(137, 199, 206) }
```


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

```
.border{ border-color:rgb(137, 199, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 199, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 199, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 199, 206);  
box-shadow:4px 4px 4px 4px rgb(137, 199,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 181.2600, -39.1990, -10.9670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 199, 206) }
```

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

```
.background{ background-color: rgb(137,  
199, 206) }
```

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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