

Converting Colors

YIQ(177.0620, -39.2420,
-26.7140)

Have a look what the booklet for
YIQ(177.0620, -39.2420, -26.7140)
contains.

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Color

**YIQ(177.0620, -39.2420,
-26.7140)**

Conversions

Conversions Part 1

Format	Color
Hex	7BCDAF
RGB	123, 205, 175
RGB Percent	48%, 80%, 69%
CMY	0.5179, 0.1959, 0.3139
CMYK	0.40, 0.00, 0.15, 0.20
HSL	158°, 45%, 64%
HSV	158°, 40%, 80%
XYZ	37.7347, 50.9799, 48.3913
YIQ	177.0620, -39.2420, -26.7140

Conversions

Conversions Part 2

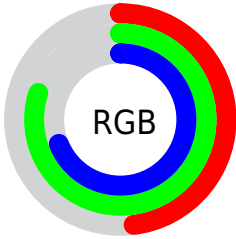
Format	Color
RYB	123, 173, 205
Decimal	8113583
CIELab	76.67, -31.94, 7.14
CIELCh	77, 32.732, 167.395
Yxy	50.9799, 0.2752, 0.3718
Android (android.graphics.Color)	4286303663 (0xFF7BCDAF)
YUV	177.0620, -1.0166, -47.4124
Hunter-Lab	71.4002, -30.6139, 9.7965

Details

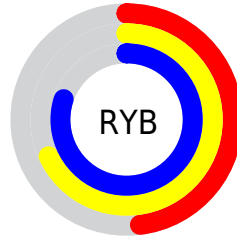
The YIQ color **177.0620, -39.2420, -26.7140** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **150.9380, 39.2420, 26.7140**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **229.5400, -37.5920, -23.5760**, and **122.7030, -39.6090, -25.5690** is the 20% darker color. If you saturate the color by 10%, you get **169.8710, -49.1900, -33.6540**, and if you desaturate by 10%, it is **183.8400, -29.5690, -20.2970**.

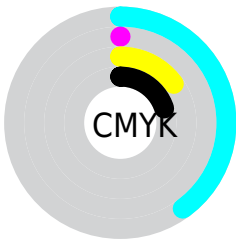
Distribution



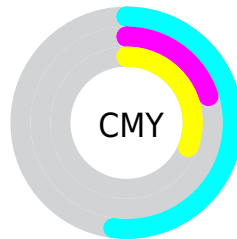
- Red (48%)
- Green (80%)
- Blue (69%)



- Red (48%)
- Yellow (68%)
- Blue (80%)



- Cyan (40%)
- Magenta (0%)
- Yellow (15%)
- Black (20%)



- Cyan (52%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.0620, -39.2420, -26.7140 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 177.0620, -39.2420, -26.7140 by changing the saturation by 10% instead.

■ 177.0620,
-39.2420, -26.7140

■ 177.0620,
-39.2420, -26.7140

■ 255.0000, -0.0000,
-0.0000

■ 149.4750,
-38.9670, -26.1910

■ 229.4260,
-37.2710, -23.8870

■ 122.4040,
-40.2050, -25.7810

■ 240.6480,
-28.6080, -10.1760

■ 95.9200, -41.7180,
-25.8940

■ 249.3190,
-11.3240, -4.0280

■ 66.5490, -50.9790,
-28.7630

■ 49.2520, -36.7210,
-22.8410

■ 33.3570, -23.6550,
-17.3430

■ 18.8810, -10.4510,

-14.3470

■ 0.0000, 0.0000,
0.0000

■ 177.0620,
-39.2420, -26.7140

■ 177.0620,
-39.2420, -26.7140

■ 169.8710,
-49.1900, -33.6540

■ 183.8400,
-29.5690, -20.2970

■ 163.0930,
-58.8630, -40.0710

■ 191.0310,
-19.6210, -13.3570

■ 155.9020,
-68.8110, -47.0110

■ 197.8090, -9.9480,
-6.9400

■ 149.1240,
-78.4840, -53.4280

■ 205.0000, -0.0000,
0.0000

■ 141.9330,
-88.4320, -60.3680

■ 211.8920, 9.3520,
6.7280

■ 135.1550,
-98.1050, -66.7850

■ 218.9690, 19.6210,
13.3570

■ 222.5720, 22.4170,
17.7530

■ 223.3700, 20.1700,
19.9300

■ 224.2820, 17.6020,
22.4180

Harmonies

Analogous

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



181.9870, -8.2940, -25.9100



177.0620, -39.2420, -26.7140



172.8110, -66.1560, -23.5320

Triad

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



177.0620, -39.2420, -26.7140



189.9640, -25.5410, 16.8510



190.8520, 50.3870, 6.4430

Complementary

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



177.0620, -39.2420, -26.7140



150.9380, 39.2420, 26.7140

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.



192.5010, 47.5420, 19.4620



177.0620, -39.2420, -26.7140



193.2300, 6.1850, 25.5850

Square

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



177.0620, -39.2420, -26.7140



182.4930, -55.4320, 2.3920



193.8170, 32.2730, 26.3610



188.6190, 40.2570, -8.2150

Rectangle

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



177.0620, -39.2420, -26.7140



172.9060, -73.4930, -17.2130



193.8170, 32.2730, 26.3610



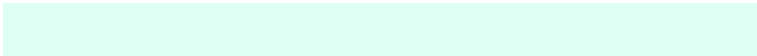
191.1990, 51.0280, 11.3480

Sweetspot

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



177.0620, -39.2420, -26.7140



244.4770, -14.9450, -9.9930



180.1040, -4.6700, -36.5260



121.8200, -8.4810, -5.9930



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.



177.0620, -39.2420, -26.7140



213.3920, -58.2670, -39.8590



174.0250, -45.8470, -11.6310



98.5540, -4.6760, -3.3640



109.4120, -79.3550, -54.1630



25.0420, -18.1540, -12.4100

Inverse Universe

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



150.9380, 39.2420, 26.7140



174.4940, 58.5880, 39.5480



153.9750, 45.8470, 11.6310



95.4460, 4.6760, 3.3640



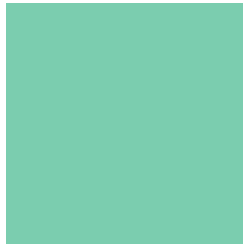
56.5880, 79.3550, 54.1630



12.9580, 18.1540, 12.4100

Previews

White Background



This preview shows how the YIQ color 177.0620, -39.2420, -26.7140 looks on a white background.

Color Contrast Check

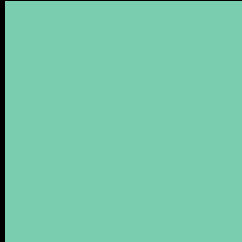
Large Text (above 18pt) WCAG AA × Fail

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 177.0620, -39.2420, -26.7140 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 177.0620, -39.2420, -26.7140 Background



This preview shows how black text looks on a background with the YIQ color 177.0620, -39.2420, -26.7140.



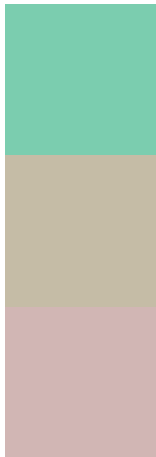
This preview shows how white text looks on a background with the YIQ color 177.0620, -39.2420, -26.7140.

-26.7140.

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

177.0620, -39.2420, -26.7140

Protanopia

188.1830, 12.4260, -4.9340

Deuteranopia

189.8450, 16.7340, 5.1020



Tritanopia

181.0900, -44.4720, -9.0160

Trichromacy



Original Color

177.0620, -39.2420, -26.7140



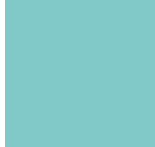
Protanomaly

183.9740, -6.2790, -12.8630



Deuteranomaly

185.0440, -3.3000, -6.2760



Tritanomaly

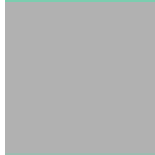
179.3580, -42.5910, -15.5750

Monochromacy



Original Color

177.0620, -39.2420, -26.7140



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

176.7760, -14.3490, -9.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.0620, -39.2420, -26.7140 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(123, 205, 175)` looks like.

```
.text, #text, p{  
    color:rgb(123, 205, 175)  
}
```

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(123, 205, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 205, 175) }
```

Border

The CSS property to change the border of an element to YIQ 177.0620, -39.2420, -26.7140 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(123, 205, 175) }
```


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

```
.border{ border-color:rgb(123, 205, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 205, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 205, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 205, 175);  
box-shadow:4px 4px 4px 4px rgb(123, 205,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 177.0620, -39.2420, -26.7140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 205, 175) }
```

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

```
.background{ background-color: rgb(123,  
205, 175) }
```

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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