

Converting Colors

YIQ(175.3740, -39.5200,
-10.6560)

Have a look what the booklet for
YIQ(175.3740, -39.5200, -10.6560)
contains.

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Color

**YIQ(175.3740, -39.5200,
-10.6560)**

Conversions

Conversions Part 1

Format	Color
Hex	83C1C9
RGB	131, 193, 201
RGB Percent	51%, 76%, 79%
CMY	0.4864, 0.2430, 0.2119
CMYK	0.35, 0.04, 0.00, 0.21
HSL	187°, 39%, 65%
HSV	187°, 35%, 79%
XYZ	38.9679, 47.1889, 62.2873
YIQ	175.3740, -39.5200, -10.6560

Conversions

Conversions Part 2

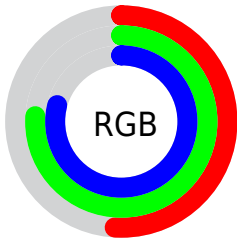
Format	Color
RYB	131, 164, 201
Decimal	8634825
CIELab	74.31, -17.83, -10.32
CIElCh	74, 20.597, 210.064
Yxy	47.1889, 0.2625, 0.3179
Android (android.graphics.Color)	4286824905 (0xFF83C1C9)
YUV	175.3740, 12.6336, -38.9160
Hunter-Lab	68.6942, -18.9579, -5.6742

Details

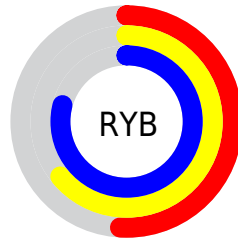
The YIQ color $175.3740, -39.5200, -10.6560$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $156.6260, 39.5200, 10.6560$, and the grayscale version is $175.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $231.4340, -39.7490, -12.0130$, and $121.3740, -39.5200, -10.6560$ is the 20% darker color. If you saturate the color by 10%, you get $168.2200, -50.8900, -13.8500$, and if you desaturate by 10%, it is $182.5280, -28.1500, -7.4620$.

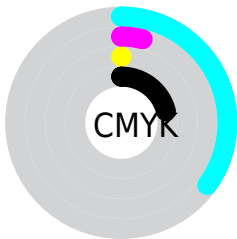
Distribution



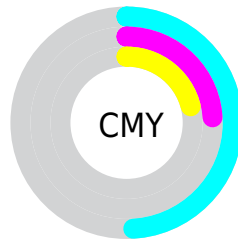
- Red (51%)
- Green (76%)
- Blue (79%)



- Red (51%)
- Yellow (64%)
- Blue (79%)



- Cyan (35%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (49%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.3740, -39.5200, -10.6560 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 175.3740, -39.5200, -10.6560 by changing the saturation by 10% instead.

■ 175.3740,
-39.5200, -10.6560

■ 175.3740,
-39.5200, -10.6560

■ 255.0000, -0.0000,
-0.0000

■ 148.3740,
-39.5200, -10.6560

■ 231.4340,
-39.7490, -12.0130

■ 121.3740,
-39.5200, -10.6560

■ 243.0400,
-23.8400, -8.4800

■ 95.6620, -40.3910,
-11.3910

■ 251.7110, -6.5560,
-2.3320

■ 69.1670, -43.3710,
-12.4510

■ 46.4770, -41.3080,
-11.2920

■ 30.9410, -27.8750,
-6.9390

■ 17.3940, -15.9090,

-3.5330

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 175.3740,
-39.5200, -10.6560

■ 175.3740,
-39.5200, -10.6560

■ 168.2200,
-50.8900, -13.8500

■ 182.5280,
-28.1500, -7.4620

■ 160.4790,
-61.9850, -16.5210

■ 190.2690,
-17.0550, -4.7910

■ 153.3250,
-73.3550, -19.7150

■ 197.4230, -5.6850,
-1.5970

■ 146.1710,
-84.7250, -22.9090

■ 204.5770, 5.6850,
1.5970

■ 138.7180,
-96.6910, -26.3150

■ 211.7310, 17.0550,
4.7910

■ 130.9770,
-107.7860, -28.9860

■ 219.7710, 28.7460,
7.6740

■ 127.4000,
-113.4710, -30.5830

■ 221.8420, 29.9840,
7.2640

■ 223.0160, 29.4340,
6.2180

■ 224.7770, 28.6090,
4.6490

Harmonies

Analogous

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



175.8880, -29.5240, -15.6040



175.3740, -39.5200, -10.6560



177.9000, -37.8250, -2.8250

Triad

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



175.3740, -39.5200, -10.6560



185.8850, 11.2300, 16.7500



181.6800, 21.0920, -7.8040

Complementary

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



175.3740, -39.5200, -10.6560



156.6260, 39.5200, 10.6560

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.



183.6260, 30.3520, 0.5920



175.3740, -39.5200, -10.6560



185.8450, 25.9020, 15.1660

Square

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



175.3740, -39.5200, -10.6560



184.6100, -7.1090, 13.2030



185.5650, 32.3220, 8.9460



179.7920, 5.9170, -13.6270

Rectangle

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



175.3740, -39.5200, -10.6560



180.0090, -30.5820, 3.5780



185.5650, 32.3220, 8.9460



182.4140, 24.8970, -5.1750

Sweetspot

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



175.3740, -39.5200, -10.6560



245.7640, -14.0750, -3.7310



172.8880, -21.4970, -34.4330



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.



175.3740, -39.5200, -10.6560



215.9630, -60.4720, -16.4080



155.4160, -30.1700, 7.1260



95.7220, -5.0890, -1.3850



103.6970, -92.1980, -25.1420



22.8880, -20.3560, -5.5400

Inverse Universe

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



158.9980, 21.8180, 34.1220



190.8230, 33.2770, 52.2290



176.5840, 30.1700, -7.1260



93.6030, 2.7960, 4.3960



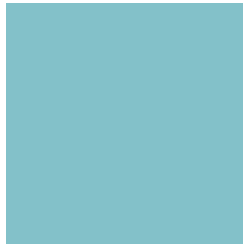
65.2670, 50.6030, 79.6510



14.4120, 11.1840, 17.5840

Previews

White Background



This preview shows how the YIQ color 175.3740, -39.5200, -10.6560 looks on a white background.

Color Contrast Check

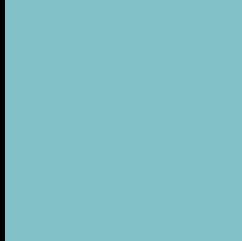
Large Text (above 18pt) WCAG AA × Fail

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 175.3740, -39.5200, -10.6560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

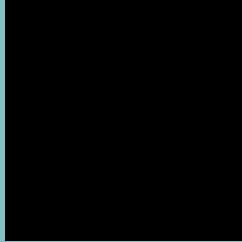
Any Text WCAG AA ✓ Pass

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 175.3740, -39.5200, -10.6560 Background



This preview shows how black text looks on a background with the YIQ color 175.3740, -39.5200, -10.6560.



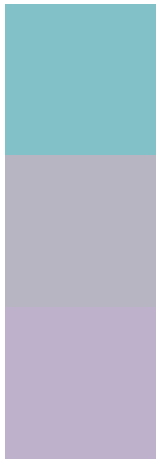
This preview shows how white text looks on a background with the YIQ color 175.3740, -39.5200, -10.6560.

-10.6560.

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

175.3740, -39.5200, -10.6560

Protanopia

182.6670, -3.2560, 3.9440

Deuteranopia

183.6660, -1.5150, 10.9410



Tritanopia

176.0690, -39.9790, -7.8430

Trichromacy



Original Color

175.3740, -39.5200, -10.6560

Protanomaly

179.6760, -16.6430, -1.2430

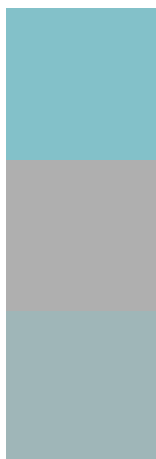
Deuteranomaly

180.7950, -15.3600, 3.0400

Tritanomaly

175.5420, -39.9330, -8.6770

Monochromacy



Original Color

175.3740, -39.5200, -10.6560

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.3510, -14.3500, -4.2540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.3740, -39.5200, -10.6560 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(131, 193, 201)` looks like.

```
.text, #text, p{  
    color:rgb(131, 193, 201)  
}
```

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(131, 193, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 193, 201) }
```

Border

The CSS property to change the border of an element to YIQ 175.3740, -39.5200, -10.6560 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(131, 193, 201) }
```


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

```
.border{ border-color:rgb(131, 193, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 193, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 193, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 193, 201);  
box-shadow:4px 4px 4px 4px rgb(131, 193,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 175.3740, -39.5200, -10.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 193, 201) }
```

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

```
.background{ background-color: rgb(131,  
193, 201) }
```

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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