

Converting Colors

YIQ(176.3020, -39.0170,
-3.2490)

Have a look what the booklet for
YIQ(176.3020, -39.0170, -3.2490)
contains.

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Color

**YIQ(176.3020, -39.0170,
-3.2490)**

Conversions

Conversions Part 1

Format	Color
Hex	89BDD6
RGB	137, 189, 214
RGB Percent	54%, 74%, 84%
CMY	0.4628, 0.2587, 0.1610
CMYK	0.36, 0.12, 0.00, 0.16
HSL	199°, 48%, 69%
HSV	199°, 36%, 84%
XYZ	40.6462, 46.5734, 70.4359
YIQ	176.3020, -39.0170, -3.2490

Conversions

Conversions Part 2

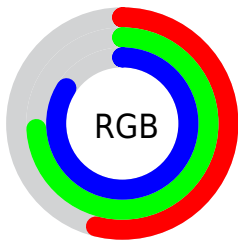
Format	Color
R_{YB}	137, 168, 214
Decimal	9027030
CIE _{Lab}	73.92, -10.87, -17.94
CIE _{LCh}	74, 20.978, 238.798
Yxy	46.5734, 0.2578, 0.2954
Android (android.graphics.Color)	4287217110 (0xFF89BDD6)
YUV	176.3020, 18.5851, -34.4679
Hunter-Lab	68.2447, -13.1145, -13.4223

Details

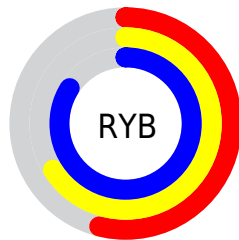
The YIQ color **176.3020, -39.0170, -3.2490** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **174.6980, 39.0170, 3.2490**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.5920, -34.2020, -7.9140**, and **122.7750, -38.9710, -4.0830** is the 20% darker color. If you saturate the color by 10%, you get **165.9140, -49.6080, -4.0400**, and if you desaturate by 10%, it is **186.6900, -28.4260, -2.4580**.

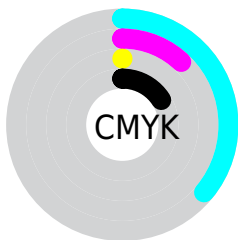
Distribution



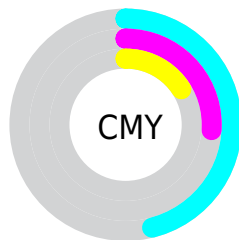
- Red (54%)
- Green (74%)
- Blue (84%)



- Red (54%)
- Yellow (66%)
- Blue (84%)



- Cyan (36%)
- Magenta (12%)
- Yellow (0%)
- Black (16%)



- Cyan (46%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.3020, -39.0170, -3.2490 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 176.3020, -39.0170, -3.2490 by changing the saturation by 10% instead.

■ 176.3020,
-39.0170, -3.2490

■ 176.3020,
-39.0170, -3.2490

■ 255.0000, -0.0000,
-0.0000

■ 149.1880,
-38.6960, -3.5600

■ 230.5920,
-34.2020, -7.9140

■ 122.7750,
-38.9710, -4.0830

■ 244.8340,
-20.2640, -7.2080

■ 96.7750, -38.9710,
-4.0830

■ 253.5050, -2.9800,
-1.0600

■ 70.8670, -42.2260,
-5.6660

■ 46.4430, -43.9680,
-7.1360

■ 30.9070, -30.5350,
-2.7830

■ 16.6590, -17.9730,

0.8350

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,
0.0000

■ 176.3020,
-39.0170, -3.2490

■ 176.3020,
-39.0170, -3.2490

■ 165.9140,
-49.6080, -4.0400

■ 186.6900,
-28.4260, -2.4580

■ 155.2270,
-60.7950, -5.0430

■ 197.3770,
-17.2390, -1.4550

■ 144.8390,
-71.3860, -5.8340

■ 207.7650, -6.6480,
-0.6640

■ 134.1520,
-82.5730, -6.8370

■ 218.4520, 4.5390,
0.3390

■ 123.7640,
-93.1640, -7.6280

■ 228.8400, 15.1300,
1.1300

■ 113.3760,
-103.7550, -8.4190

■ 236.2380, 19.7610,
-0.1990

■ 109.5110,
-108.5690, -9.2810

■ 240.3470, 17.8360,
-3.8600

■ 243.8690, 16.1860,
-6.9980

■ 247.9780, 14.2610,
-10.6590

Harmonies

Analogous

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



173.9610, -39.7950, -11.1790



176.3020, -39.0170, -3.2490



180.3300, -27.0520, 5.6840

Triad

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



176.3020, -39.0170, -3.2490



184.9590, 25.5810, 15.4770



178.6780, 6.2380, -13.9380

Complementary

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



176.3020, -39.0170, -3.2490



174.6980, 39.0170, 3.2490

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.



180.8650, 22.0090, -7.9030



176.3020, -39.0170, -3.2490



183.9780, 32.5970, 9.4690

Square

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



176.3020, -39.0170, -3.2490



184.9990, 10.9090, 17.0610



182.8110, 31.2690, 0.4930



176.5170, -12.4220, -17.1740

Rectangle

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



176.3020, -39.0170, -3.2490



182.5490, -14.3070, 11.4930



182.8110, 31.2690, 0.4930



179.5540, 12.5190, -12.1290

Sweetspot

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



176.3020, -39.0170, -3.2490



241.3450, -14.2130, -1.2290



184.9350, -28.8790, -32.8070



119.3950, -8.4820, -0.4660



0.0000, 0.0000, 0.0000



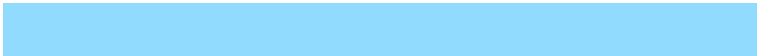
128.0000, -0.0000, -0.0000

Same Dimension

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



176.3020, -39.0170, -3.2490



200.9780, -55.6600, -4.4920



153.9960, -28.5670, 16.6250



101.9500, -5.7310, -0.7630



87.5860, -86.7910, -7.4870



21.9250, -21.7780, -1.7940

Inverse Universe

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



165.9510, 29.2000, 32.4960



186.3260, 41.8060, 46.3340



197.0040, 28.5670, -16.6250



100.2010, 3.9880, 4.8200



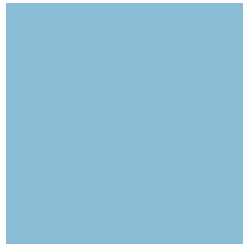
64.3530, 64.6800, 72.3280



16.1630, 16.3190, 18.1350

Previews

White Background



This preview shows how the YIQ color 176.3020, -39.0170, -3.2490 looks on a white background.

Color Contrast Check

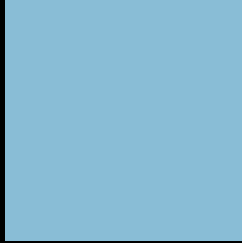
Large Text (above 18pt) WCAG AA × Fail

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 176.3020, -39.0170, -3.2490 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 176.3020, -39.0170, -3.2490

Background



This preview shows how black text looks on a background with the YIQ color 176.3020, -39.0170, -3.2490.



This preview shows how white text looks on a background with the YIQ color 176.3020, -39.0170,

-3.2490.

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

176.3020, -39.0170, -3.2490

Protanopia

181.9960, -11.3720, 7.8600

Deuteranopia

182.7560, -10.4560, 13.2880



Tritanopia

175.3790, -37.9160, -6.6840

Trichromacy



Original Color

176.3020, -39.0170, -3.2490

Protanomaly

179.7990, -21.1830, 3.9450

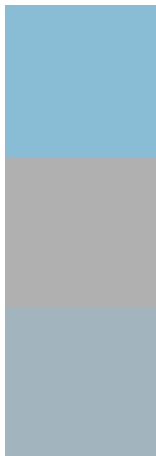
Deuteranomaly

180.2060, -20.7710, 7.4930

Tritanomaly

176.0200, -38.2830, -5.5390

Monochromacy



Original Color

176.3020, -39.0170, -3.2490

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.3450, -14.2130, -1.2290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.3020, -39.0170, -3.2490 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, 189, 214)` looks like.

```
.text, #text, p{  
    color:rgb(137, 189, 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(137, 189, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 189, 214) }
```

Border

The CSS property to change the border of an element to YIQ 176.3020, -39.0170, -3.2490 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, 189, 214) }
```


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

```
.border{ border-color:rgb(137, 189, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 189, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 189, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 189, 214);  
box-shadow:4px 4px 4px 4px rgb(137, 189,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 176.3020, -39.0170, -3.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 189, 214) }
```

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

```
.background{ background-color: rgb(137,  
189, 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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