

Converting Colors

YIQ(190.0080, -74.6810,
-39.7450)

Have a look what the booklet for
YIQ(190.0080, -74.6810, -39.7450)
contains.

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Color

**YIQ(190.0080, -74.6810,
-39.7450)**

Conversions

Conversions Part 1

Format	Color
Hex	5EECCD
RGB	94, 236, 205
RGB Percent	37%, 93%, 80%
CMY	0.6317, 0.0743, 0.1963
CMYK	0.60, 0.00, 0.13, 0.07
HSL	167°, 79%, 65%
HSV	167°, 60%, 93%
XYZ	45.6304, 66.8045, 68.2032
YIQ	190.0080, -74.6810, -39.7450

Conversions

Conversions Part 2

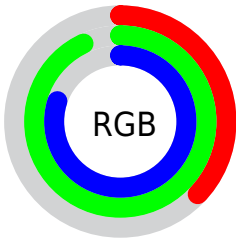
Format	Color
RYB	94, 174, 236
Decimal	6221005
CIELab	85.41, -45.58, 3.71
CIELCh	85, 45.733, 175.344
Yxy	66.8045, 0.2526, 0.3698
Android (android.graphics.Color)	4284411085 (0xFF5EECCD)
YUV	190.0080, 7.3911, -84.1990
Hunter-Lab	81.7340, -43.3817, 7.7391

Details

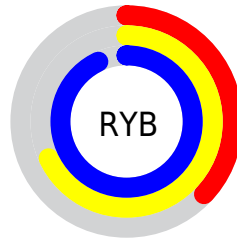
The YIQ color **190.0080, -74.6810, -39.7450** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **139.9920, 74.6810, 39.7450**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.3990, -59.0040, -20.9880**, and **122.2870, -97.6960, -46.6560** is the 20% darker color. If you saturate the color by 10%, you get **182.2620, -87.3800, -46.3880**, and if you desaturate by 10%, it is **197.7540, -61.9820, -33.1020**.

Distribution



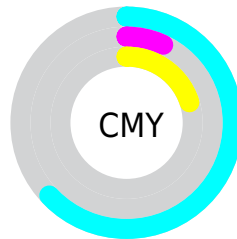
- Red (37%)
- Green (93%)
- Blue (80%)



- Red (37%)
- Yellow (68%)
- Blue (93%)



- Cyan (60%)
- Magenta (0%)
- Yellow (13%)
- Black (7%)



- Cyan (63%)
- Magenta (7%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.0080, -74.6810, -39.7450 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 190.0080, -74.6810, -39.7450 by changing the saturation by 10% instead.

■ 190.0080,
-74.6810, -39.7450

■ 190.0080,
-74.6810, -39.7450

■ 255.0000, -0.0000,
-0.0000

■ 159.0290,
-79.1740, -40.9180

■ 225.3990,
-59.0040, -20.9880

■ 122.2870,
-97.6960, -46.6560

■ 234.6680,
-40.5280, -14.4160

■ 103.4740,
-81.9250, -40.6210

■ 243.6380,
-22.6480, -8.0560

■ 84.7750, -66.4750,
-34.2750

■ 252.9070, -4.1720,
-1.4840

■ 67.3640, -51.8960,
-28.6640

■ 50.1810, -37.9590,
-22.4310

■ 33.5850, -24.2970,

-16.7210

■ 17.5760, -10.9100,
-11.5340

■ 0.0000, 0.0000,
0.0000

■ 190.0080,
-74.6810, -39.7450

■ 190.0080,
-74.6810, -39.7450

■ 182.2620,
-87.3800, -46.3880

■ 197.7540,
-61.9820, -33.1020

■ 174.8150,
-99.4830, -52.8190


■ 205.2010,
-49.8790, -26.6710


■ 166.9550,
-111.8610, -59.7730


■ 212.9470,
-37.1800, -20.0280


■ 159.5080,
-123.9640, -66.2040


■ 220.5080,
-25.3980, -13.2860

 228.2540,
-12.6990, -6.6430

 236.0000, 0.0000,
-0.0000

 242.2510, 9.7190,
5.5830

 242.8210, 8.1140,
7.1380

 243.3910, 6.5090,
8.6930

Harmonies

Analogous

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



199.9260, -24.6600, -37.6840



190.0080, -74.6810, -39.7450



168.7120, -141.2530, -44.7170

Triad

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



190.0080, -74.6810, -39.7450



211.8960, -13.6660, 16.3980



205.9520, 52.6810, -2.0950

Complementary

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



190.0080, -74.6810, -39.7450



139.9920, 74.6810, 39.7450

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.



203.4850, 44.4710, 14.5430



190.0080, -74.6810, -39.7450



216.2580, 18.1500, 34.5180

Square

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



190.0080, -74.6810, -39.7450



199.1730, -60.7030, -6.7110



207.2130, 31.2180, 28.9620



211.3130, 49.5660, -17.2340

Rectangle

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



190.0080, -74.6810, -39.7450



170.0270, -137.5860, -39.5860



207.2130, 31.2180, 28.9620



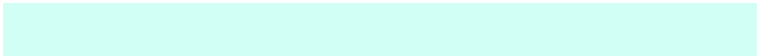
204.7440, 50.5710, 3.1070

Sweetspot

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



190.0080, -74.6810, -39.7450



240.1060, -24.2060, -12.8620



187.2210, -19.3820, -67.2700



118.5310, -15.0370, -8.3250



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.



190.0080, -74.6810, -39.7450



195.4240, -96.8240, -51.4480



171.2360, -74.1820, -10.2300



113.4830, -5.9140, -2.9540



122.3210, -95.0360, -50.8120



36.4860, -28.3320, -15.1800

Inverse Universe

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



139.9920, 74.6810, 39.7450



130.6900, 96.5030, 51.7590



158.7640, 74.1820, 10.2300



109.5170, 5.9140, 2.9540



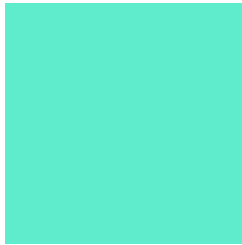
58.6790, 95.0360, 50.8120



17.5140, 28.3320, 15.1800

Previews

White Background



This preview shows how the YIQ color 190.0080, -74.6810, -39.7450 looks on a white background.

Color Contrast Check

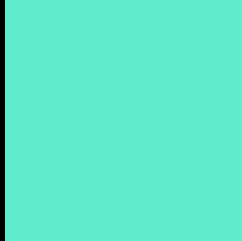
Large Text (above 18pt) WCAG AA × Fail

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 190.0080, -74.6810, -39.7450 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

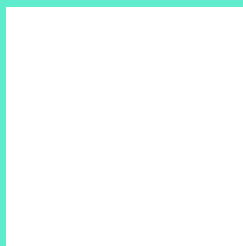
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 190.0080, -74.6810, -39.7450 Background



This preview shows how black text looks on a background with the YIQ color 190.0080, -74.6810, -39.7450.



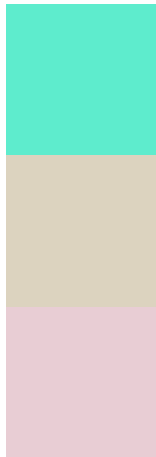
This preview shows how white text looks on a background with the YIQ color 190.0080, -74.6810, -39.7450.

-39.7450.

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

190.0080, -74.6810, -39.7450

Protanopia

211.4110, 11.7840, -4.3120

Deuteranopia

213.8710, 13.8450, 7.9010



Tritanopia

196.4710, -76.7020, -19.6300

Trichromacy



Original Color

190.0080, -74.6810, -39.7450



Protanomaly

203.5100, -19.7120, -17.2160



Deuteranomaly

205.0360, -18.0170, -9.3850



Tritanomaly

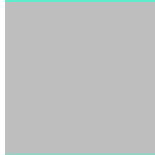
194.0270, -75.6920, -26.9240

Monochromacy



Original Color

190.0080, -74.6810, -39.7450



Achromatopsia

190.0000, -0.0000, -0.0000



Achromatomaly

190.0840, -27.1400, -14.7560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.0080, -74.6810, -39.7450 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(94, 236, 205)` looks like.

```
.text, #text, p{  
    color:rgb(94, 236, 205)  
}
```

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(94, 236, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 236, 205) }
```

Border

The CSS property to change the border of an element to YIQ 190.0080, -74.6810, -39.7450 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(94, 236, 205) }
```


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

```
.border{ border-color:rgb(94, 236, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 236, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 236, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 236, 205);  
box-shadow:4px 4px 4px 4px rgb(94, 236,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 190.0080, -74.6810, -39.7450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 236, 205) }
```

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

```
.background{ background-color: rgb(94, 236,  
205) }
```

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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