

Converting Colors

YIQ(205.0860, -74.1800,
-21.2840)

Have a look what the booklet for
YIQ(205.0860, -74.1800, -21.2840)
contains.

- YIQ(205.0860, -74.1800, -21.2840) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**YIQ(205.0860, -74.1800,
-21.2840)**

Conversions

Conversions Part 1

Format	Color
Hex	79EFFB
RGB	121, 239, 251
RGB Percent	47%, 94%, 98%
CMY	0.5257, 0.0625, 0.0160
CMYK	0.52, 0.05, 0.00, 0.02
HSL	185°, 94%, 73%
HSV	185°, 52%, 98%
XYZ	56.1568, 72.7821, 102.2914
YIQ	205.0860, -74.1800, -21.2840

Conversions

Conversions Part 2

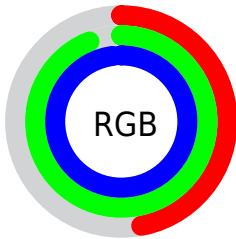
Format	Color
R_{YB}	121, 183, 251
Decimal	7991291
CIE _{Lab}	88.34, -30.20, -15.98
CIE _{LCh}	88, 34.166, 207.880
Yxy	72.7821, 0.2429, 0.3148
Android (android.graphics.Color)	4286181371 (0xFF79E _{FFB})
YUV	205.0860, 22.6356, -73.7434
Hunter-Lab	85.3124, -31.7994, -11.3712

Details

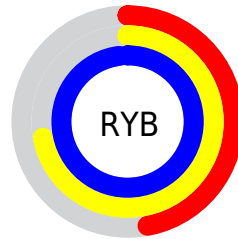
The YIQ color **205.0860, -74.1800, -21.2840** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **166.9140, 74.1800, 21.2840**, and the grayscale version is **205.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **233.1730, -43.5080, -15.4760**, and **145.6830, -80.4150, -23.9270** is the 20% darker color. If you saturate the color by 10%, you get **196.4370, -88.5300, -25.5380**, and if you desaturate by 10%, it is **213.7350, -59.8300, -17.0300**.

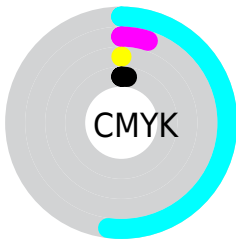
Distribution



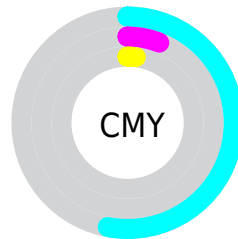
- Red (47%)
- Green (94%)
- Blue (98%)



- Red (47%)
- Yellow (72%)
- Blue (98%)



- Cyan (52%)
- Magenta (5%)
- Yellow (0%)
- Black (2%)



- Cyan (53%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.0860, -74.1800, -21.2840 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 205.0860, -74.1800, -21.2840 by changing the saturation by 10% instead.

205.0860,
-74.1800, -21.2840

205.0860,
-74.1800, -21.2840

255.0000, -0.0000,
-0.0000

175.7760,
-76.2430, -22.4430

233.1730,
-43.5080, -15.4760

145.6830,
-80.4150, -23.9270

242.1430,
-25.6280, -9.1160

110.6100,
-96.5070, -29.6510

251.1130, -7.7480,
-2.7560

91.7970, -80.7360,
-23.6160

74.1580, -65.5150,
-18.6270

56.7470, -50.9360,
-13.0160

40.5100, -36.9070,

-8.4510

■ 25.6750, -24.0700,
-4.3100

■ 3.4370, -8.3000,
7.2520

■ 205.0860,
-74.1800, -21.2840

■ 205.0860,
-74.1800, -21.2840

■ 196.4370,
-88.5300, -25.5380

■ 213.7350,
-59.8300, -17.0300

■ 187.2010,
-102.6050, -29.2690

■ 222.9710,
-45.7550, -13.2990

■ 178.5520,
-116.9550, -33.5230

■ 231.6200,
-31.4050, -9.0450

■ 169.9030,
-131.3050, -37.7770

■ 240.2690,
-17.0550, -4.7910

■ 162.4500,
-143.2710, -41.1830

■ 249.5050, -2.9800,
-1.0600

■ 253.3700, 1.8340,
-0.1980

■ 254.5440, 1.2840,
-1.2440

Harmonies

Analogous

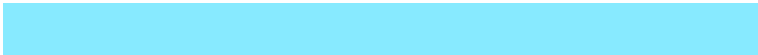
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



207.5920, -52.5380, -28.0420



205.0860, -74.1800, -21.2840



206.7930, -65.7450, -14.4570

Triad

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



205.0860, -74.1800, -21.2840



225.0630, 14.0250, 26.6730



220.3040, 36.5900, -13.3460

Complementary

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



205.0860, -74.1800, -21.2840



166.9140, 74.1800, 21.2840

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.



217.4930, 40.8520, -2.4760



205.0860, -74.1800, -21.2840



218.1210, 25.3050, 20.4810

Square

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



205.0860, -74.1800, -21.2840



221.3650, -7.7970, 14.6590



215.6470, 35.0270, 9.4830



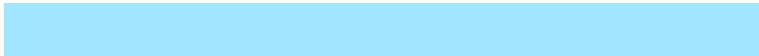
216.8060, 11.3290, -23.6070

Rectangle

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



205.0860, -74.1800, -21.2840



211.6320, -48.8740, -6.3300



215.6470, 35.0270, 9.4830



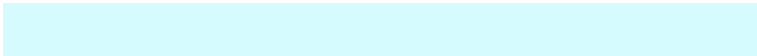
220.4620, 42.1370, -9.2470

Sweetspot

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



205.0860, -74.1800, -21.2840



240.3930, -23.3360, -6.6000



198.5640, -39.2810, -64.5690



118.7640, -14.0750, -3.7310



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.



205.0860, -74.1800, -21.2840



199.5400, -90.3180, -26.1740



167.5180, -56.5800, 12.1880



120.5260, -7.4730, -2.2330



121.9230, -107.6940, -30.6540



39.8260, -34.9810, -10.3170

Inverse Universe

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



173.3220, 39.6020, 64.2580



160.6580, 47.9440, 78.2800



204.4820, 56.5800, -12.1880



117.2550, 3.8960, 6.4880



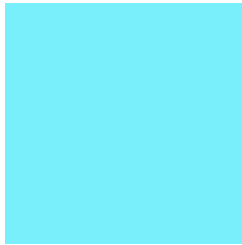
76.0050, 57.7530, 93.2490



24.6230, 18.3800, 30.3480

Previews

White Background



This preview shows how the YIQ color 205.0860, -74.1800, -21.2840 looks on a white background.

Color Contrast Check

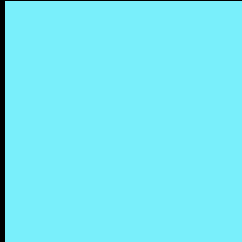
Large Text (above 18pt) WCAG AA × Fail

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 205.0860, -74.1800, -21.2840 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 205.0860, -74.1800, -21.2840 Background



This preview shows how black text looks on a background with the YIQ color 205.0860, -74.1800, -21.2840.



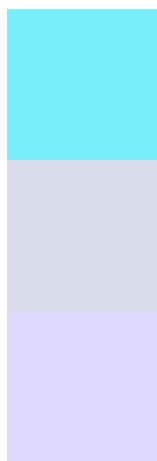
This preview shows how white text looks on a background with the YIQ color 205.0860, -74.1800, -21.2840.

-21.2840.

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

205.0860, -74.1800, -21.2840

Protanopia

221.1660, -6.0990, 5.9090

Deuteranopia

222.2510, -7.4760, 14.3480



Tritanopia

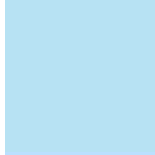
207.9560, -67.7620, -16.4500

Trichromacy



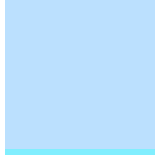
Original Color

205.0860, -74.1800, -21.2840



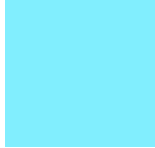
Protanomaly

215.0810, -31.0850, -3.8290



Deuteranomaly

216.3570, -31.6820, 1.4860



Tritanomaly

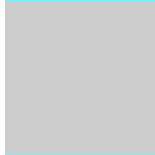
207.2330, -70.1000, -18.1320

Monochromacy



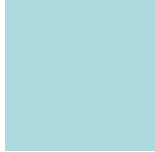
Original Color

205.0860, -74.1800, -21.2840



Achromatopsia

205.0000, -0.0000, 0.0000



Achromatomaly

204.7130, -27.2330, -7.5610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.0860, -74.1800, -21.2840 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(121, 239, 251)` looks like.

```
.text, #text, p{  
    color:rgb(121, 239, 251)  
}
```

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(121, 239, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 239, 251) }
```

Border

The CSS property to change the border of an element to YIQ 205.0860, -74.1800, -21.2840 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(121, 239, 251) }
```


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

```
.border{ border-color:rgb(121, 239, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 239, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 239, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 239, 251);  
box-shadow:4px 4px 4px 4px rgb(121, 239,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 205.0860, -74.1800, -21.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 239, 251) }
```

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

```
.background{ background-color: rgb(121,  
239, 251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor