

Converting Colors

YIQ(211.7000, -79.0850,
-26.0050)

Have a look what the booklet for
YIQ(211.7000, -79.0850, -26.0050)
contains.

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Color

**YIQ(211.7000, -79.0850,
-26.0050)**

Conversions

Conversions Part 1

Format	Color
Hex	78FAFF
RGB	120, 250, 255
RGB Percent	47%, 98%, 100%
CMY	0.5297, 0.0194, 0.0003
CMYK	0.53, 0.02, 0.00, 0.00
HSL	182°, 100%, 73%
HSV	182°, 53%, 100%
XYZ	59.9745, 79.6075, 106.7442
YIQ	211.7000, -79.0850, -26.0050

Conversions

Conversions Part 2

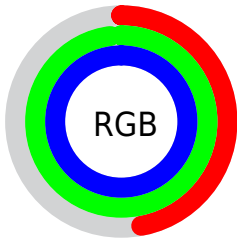
Format	Color
RYB	120, 186, 255
Decimal	7928575
CIELab	91.51, -34.54, -13.32
CIELCh	92, 37.021, 201.091
Yxy	79.6075, 0.2435, 0.3232
Android (android.graphics.Color)	4286118655 (0xFF78FAFF)
YUV	211.7000, 21.3469, -80.4209
Hunter-Lab	89.2230, -36.1551, -8.4769

Details

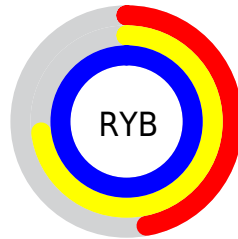
The YIQ color **211.7000, -79.0850, -26.0050** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **163.3000, 79.0850, 26.0050**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.1730, -43.5080, -15.4760**, and **150.5140, -87.4290, -28.9730** is the 20% darker color. If you saturate the color by 10%, you get **203.3390, -94.3060, -30.9940**, and if you desaturate by 10%, it is **219.7620, -64.4600, -21.2280**.

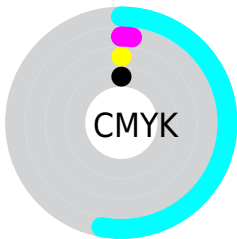
Distribution



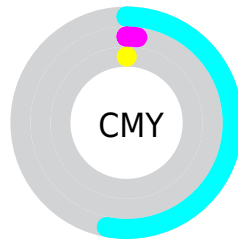
- Red (47%)
- Green (98%)
- Blue (100%)



- Red (47%)
- Yellow (73%)
- Blue (100%)



- Cyan (53%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.7000, -79.0850, -26.0050 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 211.7000, -79.0850, -26.0050 by changing the saturation by 10% instead.

211.7000,
-79.0850, -26.0050

211.7000,
-79.0850, -26.0050

255.0000, -0.0000,
-0.0000

181.5040,
-81.4690, -26.8530

233.1730,
-43.5080, -15.4760

150.5140,
-87.4290, -28.9730

242.1430,
-25.6280, -9.1160

116.9360,
-100.5410, -33.6370

251.4120, -7.1520,
-2.5440

98.0090, -84.4490,
-27.9130

79.8970, -69.2740,
-22.0900

62.3720, -54.3740,
-16.7900

45.6620, -40.3910,

-11.3910

■ 30.1260, -26.9580,
-7.0380

■ 10.2360, -12.2880,
2.4320

■ 211.7000,
-79.0850, -26.0050

■ 211.7000,
-79.0850, -26.0050

■ 203.3390,
-94.3060, -30.9940

■ 219.7620,
-64.4600, -21.2280

■ 195.2770,
-108.9310, -35.7710

■ 228.1230,
-49.2390, -16.2390

■ 186.9160,
-124.1520, -40.7600

■ 236.1850,
-34.6140, -11.4620

■ 178.8540,
-138.7770, -45.5370

■ 244.5460,
-19.3930, -6.4730

■ 173.4720,
-149.5050, -49.3530

■ 252.6080, -4.7680,
-1.6960

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



216.1530, -49.9240, -31.3640



211.7000, -79.0850, -26.0050



211.4450, -73.8130, -22.4290

Triad

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



211.7000, -79.0850, -26.0050



230.3460, 11.5500, 21.9660



226.6740, 38.4240, -13.5440

Complementary

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



211.7000, -79.0850, -26.0050



163.3000, 79.0850, 26.0050

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.



221.4540, 36.5880, -2.2920



211.7000, -79.0850, -26.0050



224.2820, 17.6020, 22.4180

Square

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



211.7000, -79.0850, -26.0050



227.2240, -12.0140, 8.4820



220.1780, 29.1580, 11.2220



225.9980, 19.5360, -23.6640

Rectangle

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



211.7000, -79.0850, -26.0050



216.2840, -56.9420, -14.3020



220.1780, 29.1580, 11.2220



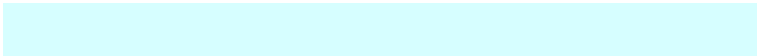
224.6680, 38.5610, -10.5190

Sweetspot

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



211.7000, -79.0850, -26.0050



242.1540, -24.1610, -8.1690



199.7010, -38.4090, -69.3610



119.9380, -14.6250, -4.7770



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.



211.7000, -79.0850, -26.0050



202.7410, -95.4980, -31.4180



172.3710, -60.6600, 9.0360



123.5260, -7.4730, -2.2330



129.7820, -111.9110, -36.8310



43.1030, -37.3190, -11.9990

Inverse Universe

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



175.1850, 38.7300, 69.0500



158.6350, 46.7510, 83.3830



202.6290, 60.6600, -9.0360



120.2550, 3.8960, 6.4880



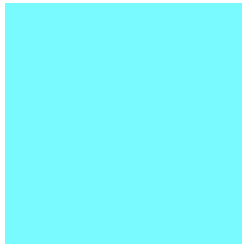
78.0850, 54.7720, 97.7160



26.0900, 18.5630, 32.5390

Previews

White Background



This preview shows how the YIQ color 211.7000, -79.0850, -26.0050 looks on a white background.

Color Contrast Check

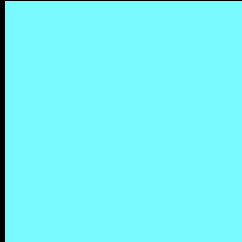
Large Text (above 18pt) WCAG AA × Fail

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 211.7000, -79.0850, -26.0050 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 211.7000, -79.0850, -26.0050 Background



This preview shows how black text looks on a background with the YIQ color 211.7000, -79.0850, -26.0050.



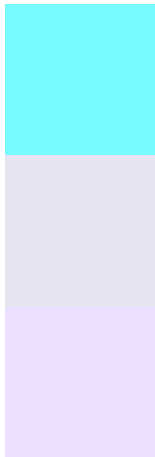
This preview shows how white text looks on a background with the YIQ color 211.7000, -79.0850, -26.0050.

-26.0050.

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

211.7000, -79.0850, -26.0050

Protanopia

230.0800, -2.9810, 4.4670

Deuteranopia

230.8230, -3.3950, 11.9730



Tritanopia

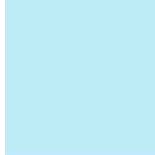
221.6660, -46.2140, -10.4860

Trichromacy



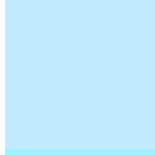
Original Color

211.7000, -79.0850, -26.0050



Protanomaly

223.3860, -30.6260, -6.6420



Deuteranomaly

223.5480, -30.9020, -1.6380



Tritanomaly

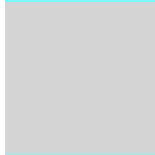
217.7460, -58.3630, -16.0830

Monochromacy



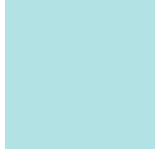
Original Color

211.7000, -79.0850, -26.0050



Achromatopsia

212.0000, -0.0000, -0.0000



Achromatomaly

212.1750, -28.6540, -9.3420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.7000, -79.0850, -26.0050 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(120, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(120, 250, 255)  
}
```

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(120, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 250, 255) }
```

Border

The CSS property to change the border of an element to YIQ 211.7000, -79.0850, -26.0050 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(120, 250, 255) }
```


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

```
.border{ border-color:rgb(120, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 250, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 250, 255); box-shadow:4px 4px 4px 4px rgb(120, 250, 255) }
```

Background

The CSS property to change the background color of an element to YIQ 211.7000, -79.0850, -26.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 250, 255) }
```

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

```
.background{ background-color: rgb(120,  
250, 255) }
```

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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