

Converting Colors

YUV(210.0730, -7.9240,
-71.9780)

Have a look what the booklet for
YUV(210.0730, -7.9240, -71.9780)
contains.

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Color

**YUV(210.0730, -7.9240,
-71.9780)**

Conversions

Conversions Part 1

Format	Color
Hex	80FFC2
RGB	128, 255, 194
RGB Percent	50%, 100%, 76%
CMY	0.4980, 0.0000, 0.2392
CMYK	0.50, 0.00, 0.24, 0.00
HSL	151°, 100%, 75%
HSV	151°, 50%, 100%
XYZ	54.3997, 80.0042, 63.6141
YIQ	210.0730, -56.1110, -45.8950

Conversions

Conversions Part 2

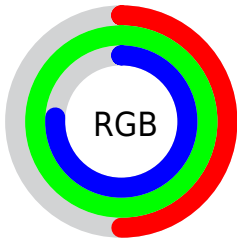
Format	Color
RYB	128, 212, 255
Decimal	8454082
CIELab	91.69, -49.03, 18.47
CIELCh	92, 52.396, 159.359
Yxy	80.0042, 0.2747, 0.4040
Android (android.graphics.Color)	4286644162 (0xFF80FFC2)
YUV	210.0730, -7.9240, -71.9780
Hunter-Lab	89.4451, -47.9668, 20.4440

Details

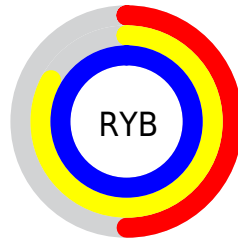
The YUV color **210.0730, -7.9240, -71.9780** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **172.9270, 7.9240, 71.9780**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.2120, 8.2765, -41.4049**, and **151.3330, -5.5872, -74.8370** is the 20% darker color. If you saturate the color by 10%, you get **201.2300, -9.4804, -86.1477**, and if you desaturate by 10%, it is **219.2150, -6.5150, -57.1936**.

Distribution



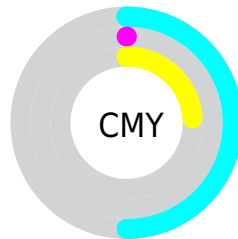
- Red (50%)
- Green (100%)
- Blue (76%)



- Red (50%)
- Yellow (83%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)




- Cyan (50%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.0730, -7.9240, -71.9780 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 YUV color 210.0730, -7.9240, -71.9780 by changing the saturation by 10% instead.


 210.0730, -7.9240,
-71.9780

 210.0730, -7.9240,
-71.9780

255.0000, 0.0000,
0.0000


 181.0020, -6.9030,
-72.7928


 234.2120, 8.2765,
-41.4049


 151.3330, -5.5872,
-74.8370


 243.6380, 5.6015,
-23.3615

 120.0760, -2.5025,
-84.2587

 252.6080, 1.1793,
-4.9182

 94.2010, -2.0711,
-82.6143

 75.6160, -4.7407,
-66.3152

 58.4330, -7.1155,
-51.2457

 41.2500, -9.4902,

-36.1763

■ 25.8280, -12.7332,
-22.6512

■ 6.4570, -3.1833,
-5.6628

■ 210.0730, -7.9240,
-71.9780

■ 210.0730, -7.9240,
-71.9780

■ 201.2300, -9.4804,
-86.1477

■ 219.2150, -6.5150,
-57.1936

■ 192.0880,
-10.8894, -100.9322

■ 228.0580, -4.9586,
-43.0239

■ 182.8320,
-12.7352, -115.6167

■ 237.3140, -3.1128,
-28.3394

■ 173.9890,
-14.2916, -129.7864

■ 246.1570, -1.5564,
-14.1697

■ 164.8470,
-15.7006, -144.5708

255.0000, 0.0000,
0.0000

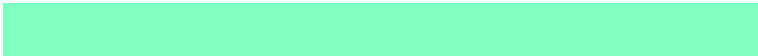
Harmonies

Analogous

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



219.9100, -33.9726, -23.6001



210.0730, -7.9240, -71.9780



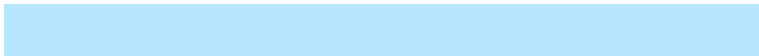
180.1210, 32.4783, -150.9501

Triad

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



210.0730, -7.9240, -71.9780



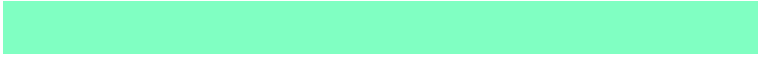
219.0850, 17.7061, -32.5235



212.4380, -20.9219, 37.3269

Complementary

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



210.0730, -7.9240, -71.9780



172.9270, 7.9240, 71.9780

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.



213.1000, 1.9227, 36.7463



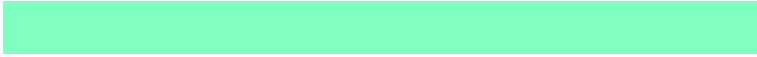
210.0730, -7.9240, -71.9780



229.7590, 12.4438, 22.1364

Square

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



210.0730, -7.9240, -71.9780



196.4950, 28.8430, -104.7971



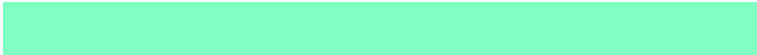
220.3670, 17.0741, 30.3731



218.6550, -40.2559, 31.8746

Rectangle

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



210.0730, -7.9240, -71.9780



178.7550, 37.5888, -156.7681



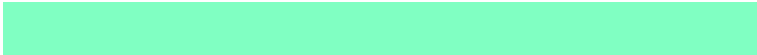
220.3670, 17.0741, 30.3731



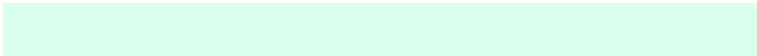
211.6860, -13.6492, 37.9864

Sweetspot

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



210.0730, -7.9240, -71.9780



241.5860, -2.2609, -21.5619



220.7880, -45.7445, -27.8781



119.7550, -1.8512, -12.9401



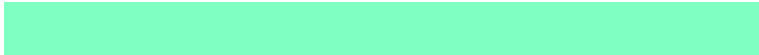
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



210.0730, -7.9240, -71.9780



200.9310, -9.3330, -86.7625



215.8530, 19.2995, -77.0471



123.3150, -1.1413, -7.2923



123.4030, -12.0307, -108.2244



41.3300, -4.1067, -36.2464

Inverse Universe

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



172.9270, 7.9240, 71.9780



156.0690, 9.3330, 86.7625



167.1470, -19.2995, 77.0471



119.5710, 0.7045, 7.3922



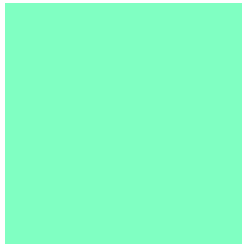
67.5970, 12.0307, 108.2244



22.6700, 4.1067, 36.2464

Previews

White Background



This preview shows how the YUV color 210.0730, -7.9240, -71.9780 looks on a white background.

Color Contrast Check

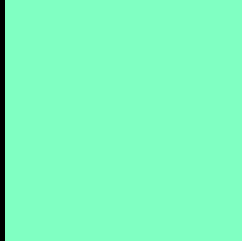
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 210.0730, -7.9240, -71.9780 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](#).

YUV 210.0730, -7.9240, -71.9780

Background



This preview shows how black text looks on a background with the YUV color 210.0730, -7.9240, -71.9780.



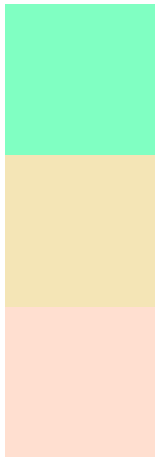
This preview shows how white text looks on a background with the YUV color 210.0730, -7.9240, -71.9780.

-71.9780.

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

210.0730, -7.9240, -71.9780

Protanopia

228.1270, -22.7406, 13.9206

Deuteranopia

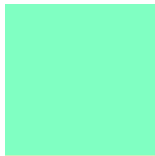
230.8580, -11.2690, 21.1725



Tritanopia

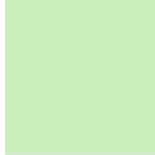
223.7590, 15.4018, -40.1306

Trichromacy



Original Color

210.0730, -7.9240, -71.9780



Protanomaly

221.3080, -17.4068, -16.9331



Deuteranomaly

223.5780, -10.1450, -12.7849



Tritanomaly

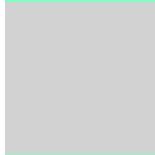
218.8040, 6.9986, -51.5711

Monochromacy



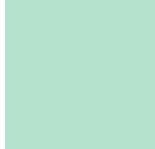
Original Color

210.0730, -7.9240, -71.9780



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

209.7380, -2.8288, -26.0802

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.0730, -7.9240, -71.9780 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(128, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(128, 255, 194)  
}
```

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(128, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 255, 194) }
```

Border

The CSS property to change the border of an element to YUV 210.0730, -7.9240, -71.9780 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(128, 255, 194) }
```


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

```
.border{ border-color:rgb(128, 255, 194) }
```

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

Here you see how a box with a 4 pixel rgb(128, 255, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(128, 255,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 210.0730, -7.9240, -71.9780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 255, 194) }
```

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

```
.background{ background-color: rgb(128,  
255, 194) }
```

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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