

Converting Colors

YUV(210.8140, 21.7837,
-80.5209)

Have a look what the booklet for
YUV(210.8140, 21.7837, -80.5209)
contains.

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Color

**YUV(210.8140, 21.7837,
-80.5209)**

Conversions

Conversions Part 1

Format	Color
Hex	77F9FF
RGB	119, 249, 255
RGB Percent	47%, 98%, 100%
CMY	0.5333, 0.0235, 0.0000
CMYK	0.53, 0.02, 0.00, 0.00
HSL	183°, 100%, 73%
HSV	183°, 53%, 100%
XYZ	59.5334, 78.8933, 106.6979
YIQ	210.8140, -79.4060, -25.6940

Conversions

Conversions Part 2

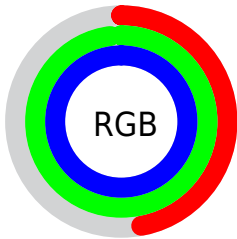
Format	Color
RYB	119, 185, 255
Decimal	7862783
CIELab	91.19, -34.21, -13.85
CIELCh	91, 36.903, 202.043
Yxy	78.8933, 0.2429, 0.3218
Android (android.graphics.Color)	4286052863 (0xFF77F9FF)
YUV	210.8140, 21.7837, -80.5209
Hunter-Lab	88.8219, -35.7976, -9.0472

Details

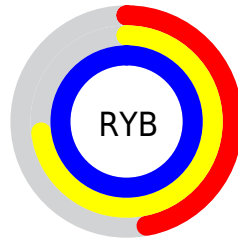
The YUV color **210.8140, 21.7837, -80.5209** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **163.1860, -21.7837, 80.5209**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.8740, 10.9081, -45.4935**, and **149.6280, 23.8474, -89.1278** is the 20% darker color. If you saturate the color by 10%, you get **202.7520, 25.7583, -95.3755**, and if you desaturate by 10%, it is **219.1750, 17.6617, -65.0515**.

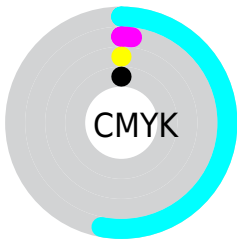
Distribution



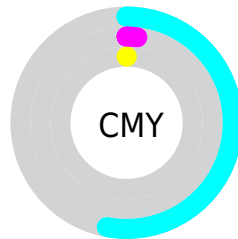
- Red (47%)
- Green (98%)
- Blue (100%)



- 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 YUV color 210.8140, 21.7837, -80.5209 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 210.8140, 21.7837, -80.5209 by changing the saturation by 10% instead.

210.8140, 21.7837,
-80.5209

210.8140, 21.7837,
-80.5209

255.0000, 0.0000,
0.0000

180.6180, 22.3733,
-82.9800

232.8740, 10.9081,
-45.4935

149.6280, 23.8474,
-89.1278

241.8440, 6.4859,
-27.0502

116.3490, 26.9429,
-102.0381

251.1130, 1.9163,
-7.9921

97.5360, 23.3998,
-85.5391

79.3100, 19.5672,
-69.5549

61.7850, 15.8820,
-54.1854

45.0750, 12.7810,

-39.5308

■ 29.5390, 9.1013,
-25.9057

■ 9.0620, 9.3364,
-7.9474

■ 210.8140, 21.7837,
-80.5209

■ 210.8140, 21.7837,
-80.5209

■ 202.7520, 25.7583,
-95.3755

■ 219.1750, 17.6617,
-65.0515

■ 194.3910, 29.8802,
-110.8449

■ 227.2370, 13.6872,
-50.1968

■ 186.0300, 34.0022,
-126.3143

■ 235.2990, 9.7126,
-35.3422

■ 177.9680, 37.9768,
-141.1689

■ 244.2470, 5.3012,
-20.3876

■ 172.2980, 40.7721,
-151.1053

■ 252.6080, 1.1793,
-4.9182

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.



215.0820, 1.9316, -59.7079



210.8140, 21.7837, -80.5209



210.8580, 21.7620, -73.5435

Triad

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



210.8140, 21.7837, -80.5209



229.7590, 12.4438, 22.1364



225.9730, -32.5247, 25.4567

Complementary

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



210.8140, 21.7837, -80.5209



163.1860, -21.7837, 80.5209

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.



221.2260, -22.7894, 29.6198



210.8140, 21.7837, -80.5209



223.4670, 8.6438, 27.6544

Square

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



210.8140, 21.7837, -80.5209



226.9360, 13.8356, -4.3289



219.9500, -7.3703, 30.7389



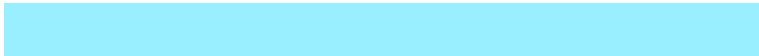
225.2860, -30.7070, 2.3802

Rectangle

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



210.8140, 21.7837, -80.5209



215.1100, 19.6658, -54.4705



219.9500, -7.3703, 30.7389



223.9670, -30.0567, 27.2159

Sweetspot

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



210.8140, 21.7837, -80.5209



241.5670, 6.6225, -24.1763



199.4020, -37.1732, -70.5126



119.3510, 4.2640, -14.3398



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.



210.8140, 21.7837, -80.5209



202.1540, 26.0531, -96.6051



171.4850, 41.1729, -46.0293



123.5260, 2.2057, -7.4773



129.1950, 30.4699, -113.3040



43.1030, 10.3022, -37.8013

Inverse Universe

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



174.4840, 36.7364, 70.6125



158.5210, 44.1131, 84.6121



202.5150, -41.1729, 46.0293



120.2550, 3.3253, 6.7924



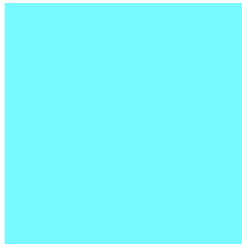
77.9710, 51.7793, 99.1264



26.0900, 17.2106, 33.2471

Previews

White Background



This preview shows how the YUV color 210.8140, 21.7837, -80.5209 looks on a white background.

Color Contrast Check

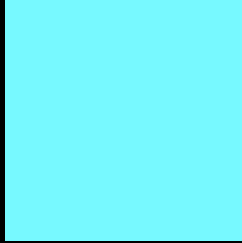
Large Text (above 18pt) WCAG AA × Fail

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 210.8140, 21.7837, -80.5209 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 210.8140, 21.7837, -80.5209

Background



This preview shows how black text looks on a background with the YUV color 210.8140, 21.7837, -80.5209.



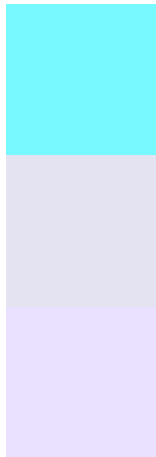
This preview shows how white text looks on a background with the YUV color 210.8140, 21.7837, -80.5209.

-80.5209.

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

210.8140, 21.7837, -80.5209

Protanopia

228.8950, 5.9678, -0.7849

Deuteranopia

230.5240, 12.0667, 3.0485



Tritanopia

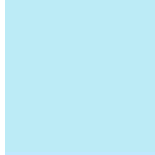
220.4700, 17.0233, -46.8932

Trichromacy



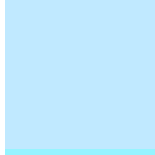
Original Color

210.8140, 21.7837, -80.5209



Protanomaly

222.2010, 11.7329, -29.9943



Deuteranomaly

223.2490, 15.6532, -27.4054



Tritanomaly

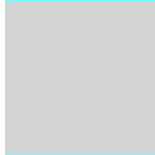
217.1480, 18.6610, -58.8888

Monochromacy



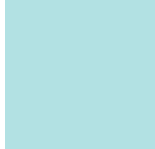
Original Color

210.8140, 21.7837, -80.5209



Achromatopsia

211.0000, 0.0000, 0.0000



Achromatomaly

211.1750, 7.8017, -29.0945

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.8140, 21.7837, -80.5209 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(119, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(119, 249, 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(119, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 249, 255) }
```

Border

The CSS property to change the border of an element to YUV 210.8140, 21.7837, -80.5209 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(119, 249, 255) }
```


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

```
.border{ border-color:rgb(119, 249, 255) }
```

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

Here you see how a box with a 4 pixel rgb(119, 249, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(119, 249,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 210.8140, 21.7837, -80.5209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 249, 255) }
```

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

```
.background{ background-color: rgb(119,  
249, 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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