

Converting Colors

YUV(212.7530, 7.5168,
-77.8364)

Have a look what the booklet for
YUV(212.7530, 7.5168, -77.8364)
contains.

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Color

**YUV(212.7530, 7.5168,
-77.8364)**

Conversions

Conversions Part 1

Format	Color
Hex	7CFFE4
RGB	124, 255, 228
RGB Percent	49%, 100%, 89%
CMY	0.5137, 0.0000, 0.1059
CMYK	0.51, 0.00, 0.11, 0.00
HSL	168°, 100%, 74%
HSV	168°, 51%, 100%
XYZ	58.0758, 81.4065, 86.0509
YIQ	212.7530, -69.4090, -36.1690

Conversions

Conversions Part 2

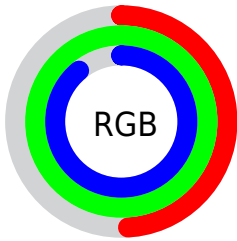
Format	Color
RYB	124, 197, 255
Decimal	8191972
CIELab	92.31, -42.58, 1.83
CIELCh	92, 42.620, 177.533
Yxy	81.4065, 0.2575, 0.3610
Android (android.graphics.Color)	4286382052 (0xFF7CFFE4)
YUV	212.7530, 7.5168, -77.8364
Hunter-Lab	90.2256, -42.9991, 6.6112

Details

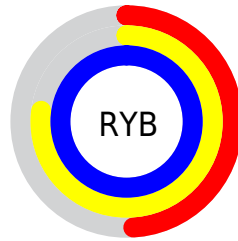
The YUV color **212.7530, 7.5168, -77.8364** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **166.2470, -7.5168, 77.8364**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.7710, 10.4659, -43.6492**, and **153.2900, 9.7170, -83.5693** is the 20% darker color. If you saturate the color by 10%, you get **204.7080, 9.0180, -92.7059**, and if you desaturate by 10%, it is **221.0970, 5.8682, -62.3521**.

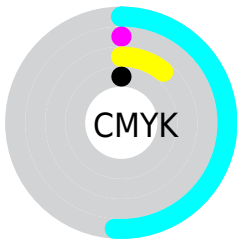
Distribution



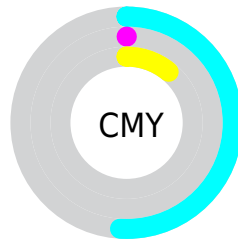
- Red (49%)
- Green (100%)
- Blue (89%)



- Red (49%)
- Yellow (77%)
- Blue (100%)



- Cyan (51%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (51%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 212.7530, 7.5168, -77.8364 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 212.7530, 7.5168, -77.8364 by changing the saturation by 10% instead.

 212.7530, 7.5168,
-77.8364


 212.7530, 7.5168,
-77.8364

255.0000, 0.0000,
0.0000


 183.2690, 8.2484,
-79.1659


 233.7710, 10.4659,
-43.6492


 153.2900, 9.7170,
-83.5693


 242.7410, 6.0437,
-25.2059

 116.4340, 14.5760,
-102.1126

 252.0100, 1.4741,
-6.1478

 97.6210, 11.0328,
-85.6136

 79.6230, 8.0739,
-69.8294

 61.6250, 5.1149,
-54.0451

 45.0290, 2.4507,

-39.4904

■ 29.1340, -0.0661,
-25.5505

■ 9.2610, -2.5937,
-8.1219

■ 212.7530, 7.5168,
-77.8364

■ 212.7530, 7.5168,
-77.8364

■ 204.7080, 9.0180,
-92.7059

■ 221.0970, 5.8682,
-62.3521

■ 196.2500, 10.2297,
-108.0902

■ 229.2560, 4.8038,
-47.5825

■ 188.2050, 11.7309,
-122.9598

■ 237.6000, 3.1552,
-32.0982

■ 179.8610, 13.3795,
-138.4441

■ 245.6450, 1.6540,
-17.2287

■ 172.7130, 14.4385,
-151.4693

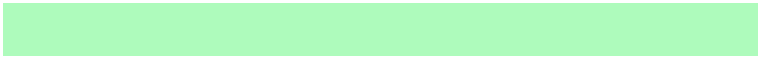
■ 253.9890, 0.0054,
-1.7444

■ 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.



220.7950, -16.1679, -41.0392



212.7530, 7.5168, -77.8364



204.4800, 24.9064, -102.1530

Triad

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



212.7530, 7.5168, -77.8364



230.2250, 12.2141, 2.4337



221.2600, -27.7362, 29.5900

Complementary

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



212.7530, 7.5168, -77.8364



166.2470, -7.5168, 77.8364

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.



218.4510, -10.5753, 32.0535



212.7530, 7.5168, -77.8364



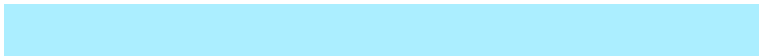
228.5850, 13.0226, 23.1660

Square

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



212.7530, 7.5168, -77.8364



219.9050, 17.3018, -42.8897



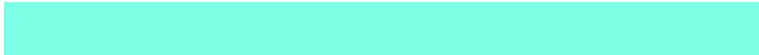
221.9510, 7.9122, 28.9840



227.8820, -37.9028, 23.7825

Rectangle

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



212.7530, 7.5168, -77.8364



204.8120, 24.7427, -96.3051



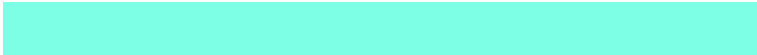
221.9510, 7.9122, 28.9840



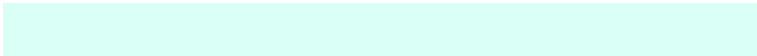
219.9380, -22.6474, 30.7494

Sweetspot

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



212.7530, 7.5168, -77.8364



242.7260, 2.1071, -22.5617



209.2690, -42.0376, -50.2249



120.5530, 1.2064, -13.6400



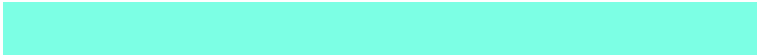
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



212.7530, 7.5168, -77.8364



203.9960, 8.8760, -93.8355



194.1120, 30.0178, -61.4882



123.7710, 0.6059, -7.6922



129.4450, 11.1196, -113.5233



43.3820, 3.7557, -38.0460

Inverse Universe

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



166.2470, -7.5168, 77.8364



147.8900, -9.3128, 93.9355



184.8880, -30.0178, 61.4882



119.1150, -1.0427, 7.7921



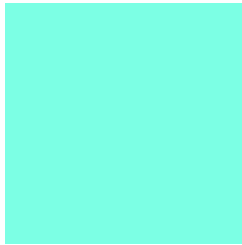
61.5550, -11.1196, 113.5233



20.6180, -3.7557, 38.0460

Previews

White Background



This preview shows how the YUV color 212.7530, 7.5168, -77.8364 looks on a white background.

Color Contrast Check

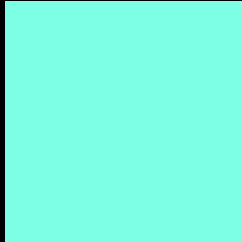
Large Text (above 18pt) WCAG AA × Fail

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 212.7530, 7.5168, -77.8364 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 212.7530, 7.5168, -77.8364 Background



This preview shows how black text looks on a background with the YUV color 212.7530, 7.5168, -77.8364.



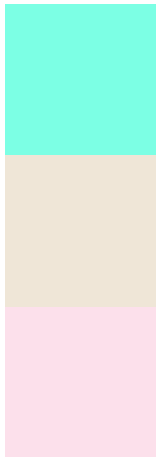
This preview shows how white text looks on a background with the YUV color 212.7530, 7.5168, -77.8364.

-77.8364.

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

212.7530, 7.5168, -77.8364

Protanopia

230.9810, -7.8786, 7.0327

Deuteranopia

233.6260, 0.6774, 16.1140



Tritanopia

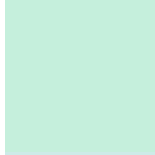
225.5420, 14.5228, -38.1863

Trichromacy



Original Color

212.7530, 7.5168, -77.8364



Protanomaly

224.2760, -2.1081, -23.9211



Deuteranomaly

225.6880, 3.1118, -18.1434



Tritanomaly

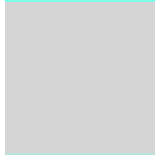
221.0580, 11.8034, -52.6709

Monochromacy



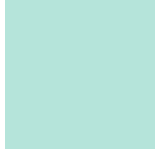
Original Color

212.7530, 7.5168, -77.8364



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.8070, 2.5601, -27.8947

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.7530, 7.5168, -77.8364 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(124, 255, 228)` looks like.

```
.text, #text, p{  
    color:rgb(124, 255, 228)  
}
```

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(124, 255, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 255, 228) }
```

Border

The CSS property to change the border of an element to YUV 212.7530, 7.5168, -77.8364 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(124, 255, 228) }
```


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

```
.border{ border-color:rgb(124, 255, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 255, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 255, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 255, 228);  
box-shadow:4px 4px 4px 4px rgb(124, 255,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 212.7530, 7.5168, -77.8364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 255, 228) }
```

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

```
.background{ background-color: rgb(124,  
255, 228) }
```

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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