

Converting Colors

YUV(211.0450, 11.3168,
-83.3545)

Have a look what the booklet for
YUV(211.0450, 11.3168, -83.3545)
contains.

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Color

**YUV(211.0450, 11.3168,
-83.3545)**

Conversions

Conversions Part 1

Format	Color
Hex	74FFEA
RGB	116, 255, 234
RGB Percent	45%, 100%, 92%
CMY	0.5451, 0.0000, 0.0824
CMYK	0.55, 0.00, 0.08, 0.00
HSL	171°, 100%, 73%
HSV	171°, 55%, 100%
XYZ	57.8137, 81.1735, 90.4629
YIQ	211.0450, -76.1030, -35.9990

Conversions

Conversions Part 2

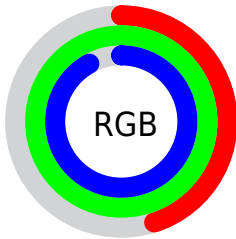
Format	Color
RYB	116, 191, 255
Decimal	7667690
CIELab	92.21, -42.77, -1.45
CIELCh	92, 42.798, 181.943
Yxy	81.1735, 0.2520, 0.3538
Android (android.graphics.Color)	4285857770 (0xFF74FFEA)
YUV	211.0450, 11.3168, -83.3545
Hunter-Lab	90.0963, -43.1273, 3.5363

Details

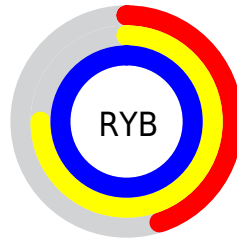
The YUV color **211.0450, 11.3168, -83.3545** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **159.9550, -11.3168, 83.3545**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.9770, 11.3503, -47.3378**, and **149.6740, 13.9647, -92.6761** is the 20% darker color. If you saturate the color by 10%, you get **202.8150, 13.4022, -98.9388**, and if you desaturate by 10%, it is **219.2750, 9.2314, -67.7702**.

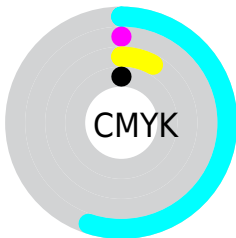
Distribution



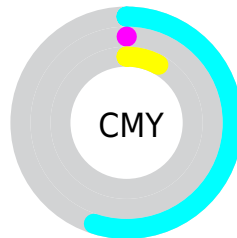
- Red (45%)
- Green (100%)
- Blue (92%)



- Red (45%)
- Yellow (75%)
- Blue (100%)



- Cyan (55%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (55%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.0450, 11.3168, -83.3545 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 211.0450, 11.3168, -83.3545 by changing the saturation by 10% instead.

211.0450, 11.3168,
-83.3545

211.0450, 11.3168,
-83.3545

255.0000, 0.0000,
0.0000

180.9630, 12.3432,
-85.9136

231.9770, 11.3503,
-47.3378

149.6740, 13.9647,
-92.6761

240.9470, 6.9281,
-28.8945

117.1180, 17.1968,
-102.7125

250.2160, 2.3585,
-9.8364

98.3050, 13.6536,
-86.2135

80.1930, 10.2579,
-70.3293

62.1950, 7.2989,
-54.5450

45.4850, 4.1979,

-39.8903

■ 29.5900, 1.6811,
-25.9504

■ 10.0590, 0.4639,
-8.8217

■ 211.0450, 11.3168,
-83.3545

■ 211.0450, 11.3168,
-83.3545

■ 202.8150, 13.4022,
-98.9388

■ 219.2750, 9.2314,
-67.7702

■ 194.8840, 15.3402,
-113.9083

■ 227.2060, 7.2934,
-52.8007

■ 186.6540, 17.4256,
-129.4926

■ 235.4360, 5.2081,
-37.2164

■ 178.8370, 19.8004,
-144.5620

■ 243.2530, 2.8333,
-22.1469

■ 174.3090, 20.5537,
-152.8690

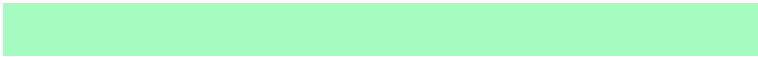
■ 251.1840, 0.8953,
-7.1774

255.0000, 0.0000,
0.0000

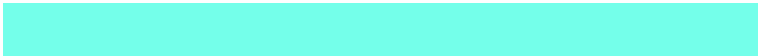
Harmonies

Analogous

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



218.9730, -12.8047, -46.4573



211.0450, 11.3168, -83.3545



203.5830, 25.3486, -103.9973

Triad

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



211.0450, 11.3168, -83.3545



230.8560, 11.9030, 8.8963



221.9780, -30.0622, 28.9603

Complementary

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



211.0450, 11.3168, -83.3545



159.9550, -11.3168, 83.3545

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.



218.3540, -13.4855, 32.1385



211.0450, 11.3168, -83.3545



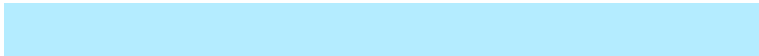
227.4110, 13.6014, 24.1956

Square

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



211.0450, 11.3168, -83.3545



221.4220, 16.5540, -36.3271



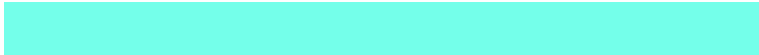
220.5660, 5.1440, 30.1986



228.9420, -38.9184, 22.8529

Rectangle

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



211.0450, 11.3168, -83.3545



205.7200, 24.2950, -92.7164



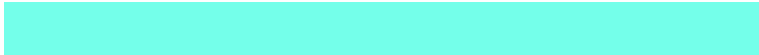
220.5660, 5.1440, 30.1986



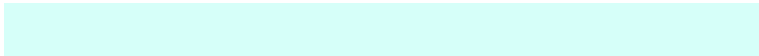
219.9550, -25.1208, 30.7345

Sweetspot

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



211.0450, 11.3168, -83.3545



242.0570, 3.4229, -24.6060



204.4700, -43.6157, -57.4172



120.0690, 1.9380, -14.9695



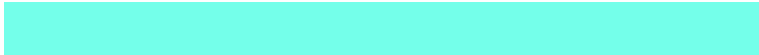
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



211.0450, 11.3168, -83.3545



202.5160, 13.5496, -99.5535



186.4370, 33.8016, -61.7732



123.8850, 1.0427, -7.7921



130.5850, 15.4876, -114.5230



43.7240, 5.0661, -38.3459

Inverse Universe

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



159.9550, -11.3168, 83.3545



141.4840, -13.5496, 99.5535



184.5630, -33.8016, 61.7732



119.1150, -1.0427, 7.7921



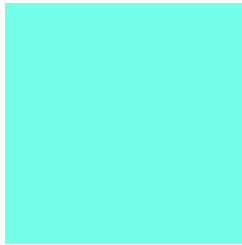
60.4150, -15.4876, 114.5230



20.2760, -5.0661, 38.3459

Previews

White Background



This preview shows how the YUV color 211.0450, 11.3168, -83.3545 looks on a white background.

Color Contrast Check

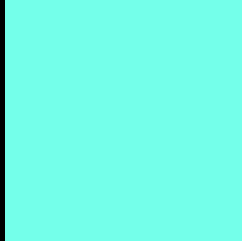
Large Text (above 18pt) WCAG AA × Fail

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 211.0450, 11.3168, -83.3545 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 211.0450, 11.3168, -83.3545 Background



This preview shows how black text looks on a background with the YUV color 211.0450, 11.3168, -83.3545.



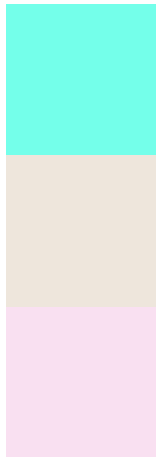
This preview shows how white text looks on a background with the YUV color 211.0450, 11.3168, -83.3545.

-83.3545.

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

211.0450, 11.3168, -83.3545

Protanopia

231.2520, -5.5472, 5.9180

Deuteranopia

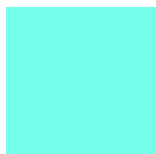
233.4130, 3.7404, 13.6698



Tritanopia

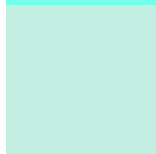
224.6450, 14.9650, -40.0307

Trichromacy



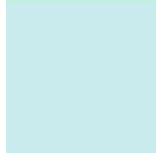
Original Color

211.0450, 11.3168, -83.3545



Protanomaly

223.9490, 0.5181, -26.2653



Deuteranomaly

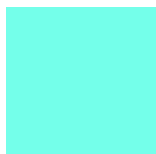
225.1760, 6.3222, -21.2024



Tritanomaly

219.7910, 13.4140, -55.9447

Monochromacy



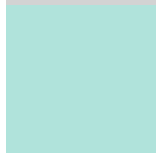
Original Color

211.0450, 11.3168, -83.3545



Achromatopsia

211.0000, 0.0000, 0.0000



Achromatomaly

210.8390, 4.0234, -30.5538

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.0450, 11.3168, -83.3545 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(116, 255, 234)` looks like.

```
.text, #text, p{  
    color:rgb(116, 255, 234)  
}
```

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(116, 255, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 255, 234) }
```

Border

The CSS property to change the border of an element to YUV 211.0450, 11.3168, -83.3545 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(116, 255, 234) }
```


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

```
.border{ border-color:rgb(116, 255, 234) }
```

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

Here you see how a box with a 4 pixel rgb(116, 255, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 255, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 255, 234);  
box-shadow:4px 4px 4px 4px rgb(116, 255,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 211.0450, 11.3168, -83.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 255, 234) }
```

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

```
.background{ background-color: rgb(116,  
255, 234) }
```

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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