

# Converting Colors

YUV(225.8190, 14.3862,  
-41.0603)

Have a look what the booklet for  
YUV(225.8190, 14.3862, -41.0603)  
contains.

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# Color

**YUV(225.8190, 14.3862,  
-41.0603)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3F4FF
RGB	179, 244, 255
RGB Percent	70%, 96%, 100%
CMY	0.2980, 0.0431, 0.0000
CMYK	0.30, 0.04, 0.00, 0.00
HSL	189°, 100%, 85%
HSV	189°, 30%, 100%
XYZ	68.9911, 81.5051, 106.7036
YIQ	225.8190, -42.2710, -10.3590

# Conversions

## Conversions Part 2

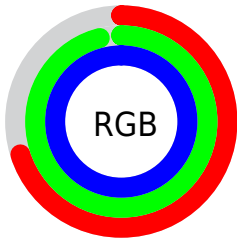
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 214, 255
Decimal	11793663
CIELab	92.36, -17.70, -11.84
CIElCh	92, 21.291, 213.773
Yxy	81.5051, 0.2682, 0.3169
Android (android.graphics.Color)	4289983743 (0xFFB3F4FF)
YUV	225.8190, 14.3862, -41.0603
Hunter-Lab	90.2802, -21.5826, -6.8797

# Details

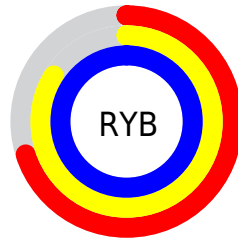
The YUV color **225.8190, 14.3862, -41.0603** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **208.1810, -14.3862, 41.0603**, and the grayscale version is **226.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.3190, 2.8007, -11.6808**, and **170.0040, 13.8020, -40.3455** is the 20% darker color. If you saturate the color by 10%, you get **215.6970, 19.3764, -54.9853**, and if you desaturate by 10%, it is **235.6420, 9.5435, -27.7500**.

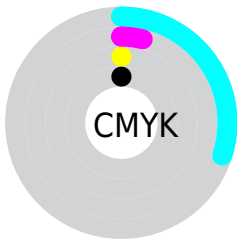
# Distribution



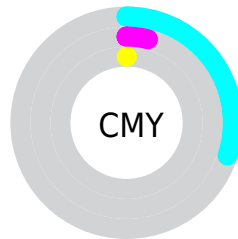
- Red (70%)
- Green (96%)
- Blue (100%)



- Red (70%)
- Yellow (84%)
- Blue (100%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 225.8190, 14.3862, -41.0603 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 225.8190, 14.3862, -41.0603 by changing the saturation by 10% instead.



■ 225.8190, 14.3862,  
-41.0603

■ 225.8190, 14.3862,  
-41.0603

255.0000, 0.0000,  
0.0000

■ 197.7050, 13.9494,  
-40.9603

■ 249.3190, 2.8007,  
-11.6808

■ 170.0040, 13.8020,  
-40.3455

■ 143.0040, 13.8020,  
-40.3455

■ 116.1180, 14.2388,  
-40.4455

■ 90.1070, 14.2442,  
-42.1898

■ 60.9210, 16.3079,  
-50.7967

■ 43.9010, 13.3598,

-38.5012

■ 28.3650, 9.6801,  
-24.8761

■ 12.5840, 7.6001,  
-11.0362

■ 225.8190, 14.3862,  
-41.0603

■ 225.8190, 14.3862,  
-41.0603

■ 215.6970, 19.3764,  
-54.9853

■ 235.6420, 9.5435,  
-27.7500

■ 206.4610, 23.9297,  
-68.8103

■ 245.1770, 4.8427,  
-13.3102

■ 196.3390, 28.9199,  
-82.7353

255.0000, 0.0000,  
0.0000

■ 186.5160, 33.7626,  
-96.0455

■ 176.9810, 38.4634,  
-110.4853

■ 167.1580, 43.3061,  
-123.7956

■ 157.0360, 48.2963,  
-137.7206

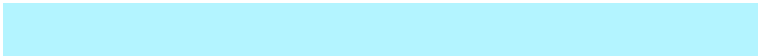
# Harmonies

## Analogous

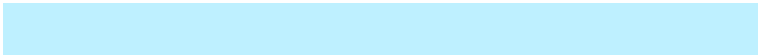
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.6210, 4.6238, -36.5016



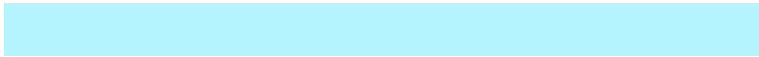
225.8190, 14.3862, -41.0603



226.7600, 13.9223, -32.2385

# Triad

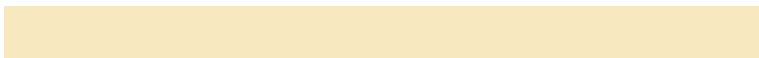
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225.8190, 14.3862, -41.0603



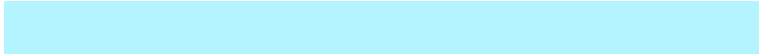
234.7000, 8.5289, 17.8031



231.9250, -19.6830, 13.2208

# Complementary

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



225.8190, 14.3862, -41.0603



208.1810, -14.3862, 41.0603

# 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.



231.3650, -16.9419, 20.7279



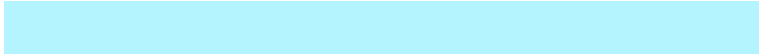
225.8190, 14.3862, -41.0603



231.1320, -0.0651, 20.9322

# Square

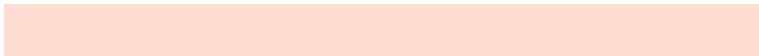
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.8190, 14.3862, -41.0603



234.0790, 10.3141, 5.1927



230.0260, -9.3798, 21.9022

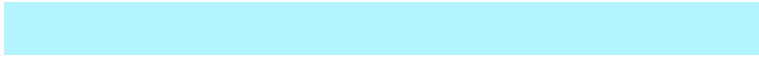


229.9550, -15.2608, -5.2225

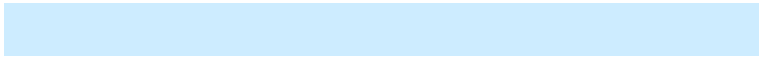


# Rectangle

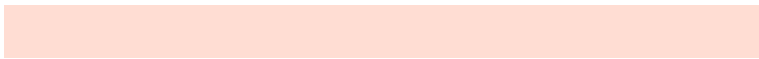
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.8190, 14.3862, -41.0603



228.8970, 12.8688, -20.9577



230.0260, -9.3798, 21.9022



232.6590, -19.5519, 17.8391

# Sweetspot

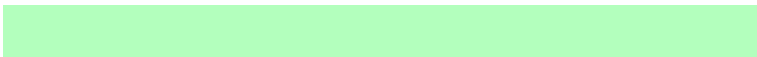
The Sweet Spot groups the original color and five complimentary colors.



225.8190, 14.3862, -41.0603



246.3620, 4.2585, -12.5955



224.7520, -17.6257, -40.1245



121.7540, 3.0793, -7.6773



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

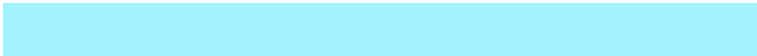


# Same Dimension

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



225.8190, 14.3862, -41.0603



219.8610, 17.3235, -49.8671



204.1000, 25.0937, -22.0127



122.9390, 2.4951, -6.9625



118.0420, 35.9683, -103.5228



39.5810, 12.0386, -34.7125



# Inverse Universe

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



209.1340, 17.1889, 40.2245



199.5140, 20.9456, 48.6612



229.9000, -25.0937, 22.0127



120.1410, 2.8885, 6.8923



75.8050, 43.4801, 101.0260

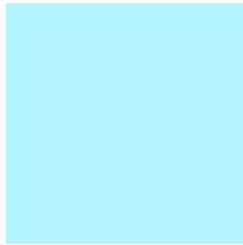


25.4060, 14.5898, 33.8469



# Previews

## White Background



This preview shows how the YUV color 225.8190, 14.3862, -41.0603 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

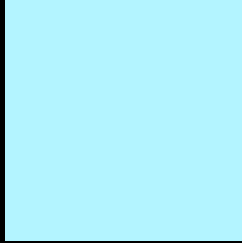
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 225.8190, 14.3862, -41.0603 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 225.8190, 14.3862, -41.0603

## Background



This preview shows how black text looks on a background with the YUV color 225.8190, 14.3862, -41.0603.



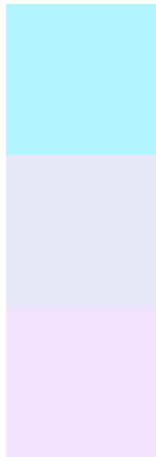
This preview shows how white text looks on a background with the YUV color 225.8190, 14.3862, -41.0603.

-41.0603.

# 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

225.8190, 14.3862, -41.0603

### Protanopia

233.1230, 6.8414, -0.9849

### Deuteranopia

234.3780, 10.1666, 5.8075



## Tritanopia

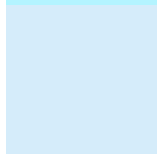
228.5540, 13.0379, -28.5499

# Trichromacy



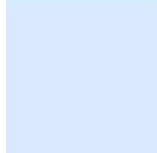
## Original Color

225.8190, 14.3862, -41.0603



## Protanomaly

230.7190, 9.5055, -15.5396



## Deuteranomaly

231.0230, 11.8207, -11.4212



## Tritanomaly

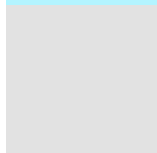
227.3470, 13.6329, -32.7533

# Monochromacy



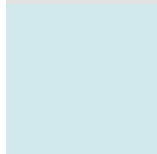
## Original Color

225.8190, 14.3862, -41.0603



## Achromatopsia

226.0000, 0.0000, 0.0000



## Achromatomaly

226.2800, 5.2850, -15.1546

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 225.8190, 14.3862, -41.0603 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(179, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 244, 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(179, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 244, 255) }
```

## Border

The CSS property to change the border of an element to YUV 225.8190, 14.3862, -41.0603 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(179, 244, 255) }
```



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

```
.border{ border-color:rgb(179, 244, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 244,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 225.8190, 14.3862, -41.0603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 244, 255) }
```

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

```
.background{ background-color: rgb(179,  
244, 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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